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President's Office

VOL. XXV

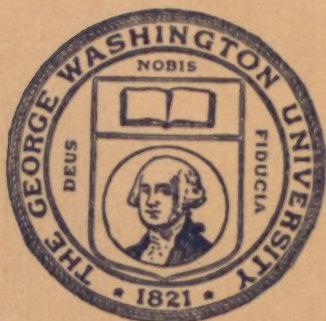
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NUMBER 1

George Washington University

BULLETIN

LAW SCHOOL

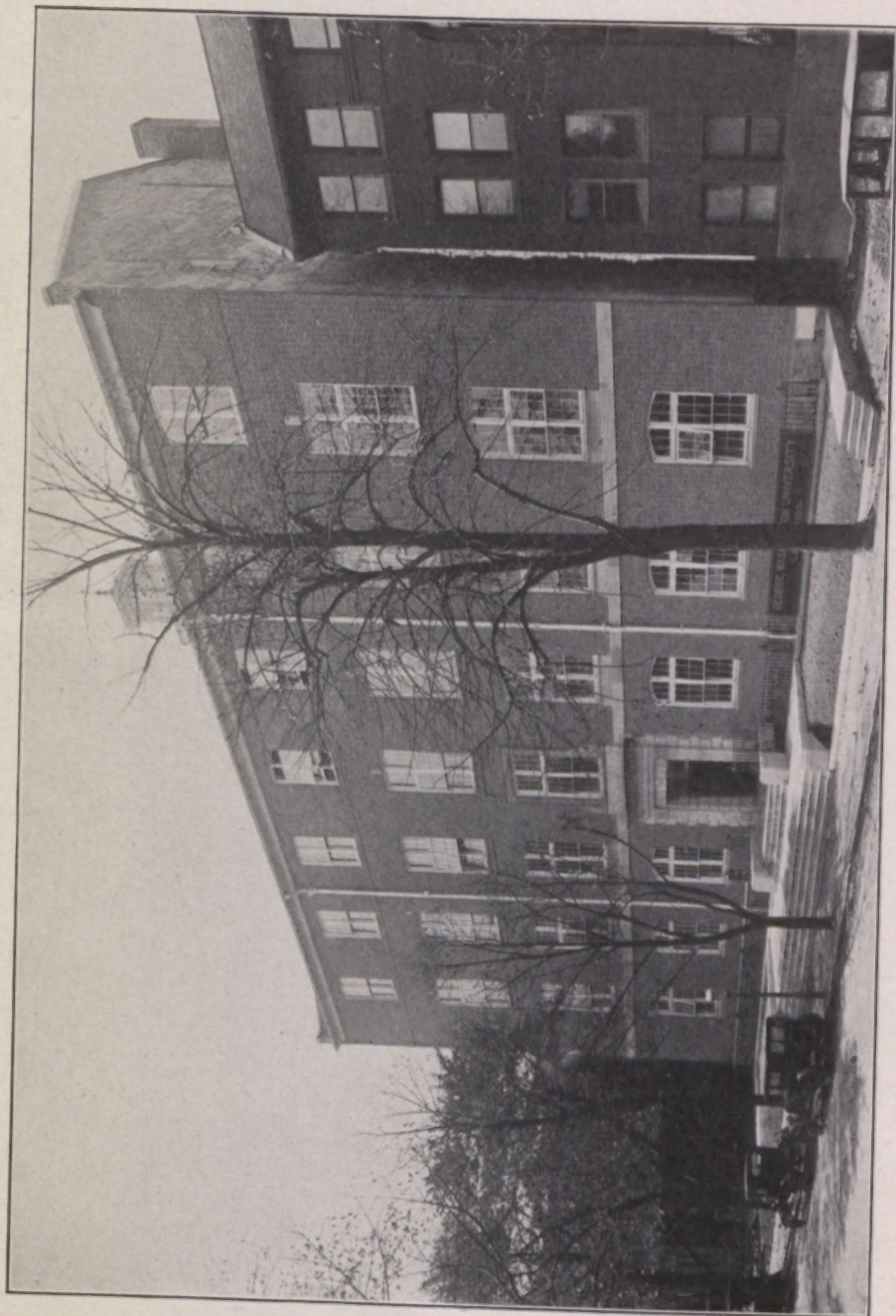
ANNOUNCEMENT 1926-27



MARCH 1926

PUBLISHED BY THE UNIVERSITY AT WASHINGTON, D. C.
MARCH, JUNE, OCTOBER AND DECEMBER

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GEORGE WASHINGTON UNIVERSITY LAW SCHOOL
STOCKTON HALL

George Washington University

LAW SCHOOL

CATALOGUE 1925-1926

ANNOUNCEMENT 1926-1927

Summer School Announcement 1926

Stockton Hall, 720 20th Street N. W.
Washington, D. C.

1926

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CALENDAR, ACADEMIC YEAR 1926-1927

	1926	
September	1	<i>Wednesday</i> —Registration begins for the session 1926-1927.
September	27	<i>Monday</i> —Academic year begins in all departments of the University.
October	12	<i>Tuesday</i> —Stated monthly meeting of the Law Faculty.
November	9	<i>Tuesday</i> —Stated monthly meeting of the Law Faculty.
November	25-27	<i>Thursday</i> —Thanksgiving Day, a holiday in all departments of the University.
December	14	<i>Tuesday</i> —Stated monthly meeting of the Law Faculty.
December	24, 1926 to	
January 2, 1927		<i>Friday to Sunday, both inclusive</i> —Christmas recess.
January	11	<i>Tuesday</i> —Stated monthly meeting of the Law Faculty.
January	24-29	<i>Monday-Saturday</i> —Mid-year examinations.
January	31	<i>Monday</i> —Second semester begins.
February	8	<i>Tuesday</i> —Stated monthly meeting of the Law Faculty.
February	22	<i>Tuesday</i> —Winter Convocation. A holiday in all departments of the University.
March	8	<i>Tuesday</i> —Stated monthly meeting of the Law Faculty.
April	12	<i>Tuesday</i> —Stated monthly meeting of the Law Faculty.
April	18-23	<i>Monday to Saturday, both inclusive</i> —Easter holidays.
May	10	<i>Tuesday</i> —Stated monthly meeting of the Law Faculty.
May	16	<i>Monday</i> —Final examinations begin.
May	30	<i>Monday</i> — <i>Decoration Day</i> . A holiday in all departments of the University.
June	1	<i>Wednesday</i> —Registration for summer sessions begins.
June	8	<i>Wednesday</i> —Commencement, and Annual Meeting of the Board of Trustees.
June	13	<i>Monday</i> —First summer session begins.
July	27	<i>Wednesday</i> —First summer session ends.
July	28	<i>Thursday</i> —Second summer session begins.
September	10	<i>Saturday</i> —Second summer session ends.
September	26	<i>Monday</i> —Academic year 1927-1928 begins.

LAW SCHOOL

FACULTY

WILLIAM MATHER LEWIS, A.M., LL.D.	<i>President of the University</i>
WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D.,	<i>Dean and Professor of Law</i>
WALTER COLLINS CLEPHANE, LL.M.	<i>Professor of Law</i>
EDWIN CHARLES BRANDENBURG, LL.M.	<i>Professor of Law</i>
JOHN PAUL EARNEST, A.M., LL.M.	<i>Professor of Law</i>
WENDELL PHILLIPS STAFFORD, A.M., LL.D., Litt.D.	<i>Professor of Law</i>
JOHN WILMER LATIMER, LL.B.	<i>Professor of Law</i>
CHARLES SAGER COLLIER, A.B., LL.B.	<i>Professor of Law</i>
HECTOR GALLOWAY SPAULDING, A.B., LL.B., S.J.D.	<i>Professor of Law</i>
HENRY WHITE EDGERTON, A.B., LL.B.	<i>Professor of Law</i>
CLARENCE MILTON UPDEGRAFF, A.B., LL.B., S.J.D.	<i>Professor of Law</i>
ALVIN ELEAZAR EVANS, Ph.D., J.D.	<i>Professor of Law</i>
EARL CASPER ARNOLD, A.B., LL.B.	<i>Professor of Law</i>
WALTER LEWIS MOLL, A.B., LL.B., S.J.D.	<i>Professor of Law</i>
LOYD HALL SUTTON, S.B., LL.B.	<i>Associate Professor of Law</i>
BASIL HUBBARD POLLITT, A.B., LL.B.	<i>Associate Professor of Law</i>
LEVI RUSSELL ALDEN, A.M., LL.B.	<i>Lecturer in Law</i>
GILBERT LEWIS HALL, A.B., LL.B.	<i>Lecturer in Law</i>
EDWARD AVERY HARRIMAN, A.B., LL.B.	<i>Lecturer in Law</i>
CLARENCE A. MILLER, LL.M.	<i>Lecturer in Law</i>
WILLIAM WARFIELD ROSS, LL.B.	<i>Lecturer in Law</i>
FRED C. O'CONNELL, LL.M.	<i>Clerk of the Moot Court</i>
HELEN NEWMAN, LL.B.	<i>Secretary</i>

MOOOT COURT OF APPEALS

STANTON JUDKINS PEELE, LL.B.	<i>Chief Justice</i>
JAMES FRANCIS SMITH, A.M.	<i>Associate Justice</i>
BRAINARD WARNER PARKER, LL.B.	<i>Associate Justice</i>

LIBRARY

RAY VAN COTT, JR.	<i>Assistant Librarian</i>
AQUILLA NEBEKER	<i>Assistant Librarian</i>

GENERAL STATEMENT

History.—The Law School, established in 1865, is the oldest in the District of Columbia. Its course of instruction for the degree of Bachelor of Laws, originally requiring two years, was increased in 1898 to three years. A year of graduate work was added in 1877 leading to the degree of Master of Laws. The curriculum was later increased by a course of study leading to the degree of Master of Patent Law. In 1911 the School became co-educational. In 1923, in compliance with the requirements of the American Bar Association and of the Association of American Law Schools, the late afternoon course for employed students was increased to four years. On September 1, 1925, the entrance requirement was increased to two years of college work.

Member of the Association of American Law Schools.—The Law School is a member of the Association of American Law Schools, an association of sixty-two law schools, including the leading schools of the country, such as Harvard, Yale, Columbia, Pennsylvania, Michigan and Chicago. Members must maintain prescribed standards of entrance requirements, faculty, library, and course of study. Usually member schools give a maximum of credit to one another's work. This becomes important if students find it necessary to leave Washington and finish their course elsewhere.

Class A, American Bar Association.—The American Bar Association has, through its Council on Legal Education, undertaken the classification of law schools. It has given the George Washington University Law School the highest classification, Class A. To be given this classification, a school must comply with certain standards as to its entrance requirements, faculty, library and curriculum.

Scope of the Course.—The Law School is not a local school. Among last year's student body were representatives of 47 states and the District of Columbia. The school gives a general course planned to prepare its graduates for the practice of law in any English-speaking country.

Case Method of Instruction.—For twenty years the Law School has used the case method of instruction. The students' principal work consists of the reading, study, and analysis of the reports of decided cases. These cases are stated in class and are then discussed under the guidance of the instructor who questions the students, explains the various phases of the decision and often the arguments pro and con, and answers questions asked and arguments advanced by members of the class. Other analogous or related cases are considered.

This inductive case system is the antithesis of the lecture and illustrative case method which is often mistaken for it. It is now

used in over 95% of the schools in the Association of American Law Schools.

This method provides training in legal analysis and legal reasoning and at the same time gives a thorough grasp of fundamental legal principles. The student becomes familiar with principles of law, not as abstract generalizations or definitions, but in concrete applications to actual cases. He deals with actual legal problems and their solution by the ablest judges of England and America. He thus begins under the instructor's guidance work of a kind which he must do when he enters practice. Constant wrestling with concrete questions under the Socratic method of instruction results in mental acuteness and accuracy. The student acquires a "legal mind"—the power to analyze legal problems and to apply to the results of his analysis the correct legal principles.

The Faculty.—The major part of the course is made up of subjects dealing with the fundamental theories of substantive law as distinct from practice. Most of these subjects are taught by professors who devote their entire time to the work of the Law School. They have offices in the law building and students have abundant opportunity to consult with them. The practice courses are taught by professors who are at the same time engaged in active practice. This combination of full-time and part-time faculty has several advantages. It gives the school the advantage of the full energy and uninterrupted working time of legal scholars trained for teaching and research, and gives the students opportunity for personal contact and conference. At the same time the school is brought into contact with the bar and with the actual administration of justice.

The Student Body.—Maturity, earnestness of purpose, and good preliminary training characterize the student body. Of the entire registration of candidates for degrees this year, 1925-26, forty-one per cent are college graduates. All applicants for regular standing are required to have completed at least two years of college work. Many of these mature, well-trained men and women are paying their own way. They make the most of their time in the class-room and out. The presence of such students gives to the classes a morale which is equalled in few law schools.

The University.—The Law School is a department of the George Washington University, founded in 1821. The University has an annual registration of nearly six thousand students. It includes the Department of Arts and Sciences, in which training in liberal arts, teaching, and engineering, is given, the Medical School and the College of Pharmacy.

Entrance Requirements.—For admission to regular standing the Law School requires two years of college work. This is the require-

ment of the American Bar Association, the National Conference of Bar Associations, and the Association of American Law Schools.

At a meeting held in 1922, the National Conference of Bar Associations, consisting of delegates from state and local bar associations from all parts of the country, in approving two years of college work as a minimum of preliminary education for the study of law and for admission to the bar, passed the following resolution:

"The great complexity of modern legal regulations requires for the proper performance of legal services, lawyers of broad general education and thorough legal training. The legal education which was fairly adequate under simpler economic conditions is inadequate today. It is the duty of the legal profession to strive to create and maintain standards of legal education and rules of admission to the Bar which will protect the public both from incompetent legal advisers and from those who would disregard the obligations of professional service."

The training in a modern law school of the best type is so severe and the legal problems so difficult that few students can do justice to the work without this minimum of preliminary general education. The demands upon the lawyers of today are so great and the competition is so keen that adequate general education before the study of law is as essential as technical professional training.

Classes for Full-Time Students.—A complete course in the forenoon is given for full-time students. The Association of American Law Schools and the American Bar Association have fixed as the standard law course three years substantially entirely devoted to the study of law. While the school furnishes classes for employed students, and subject to proper standards and restrictions is committed to the policy of continuing such classes, it realizes the value of the student's devoting at least three years entirely to the study of law. Not only are such students freed from the distractions and fatigue of employment, but they also can take advantage to the utmost of the fact that they are living in the capital city. Full-time students are permitted to take the maximum number of hours per week and to complete the course in a minimum period of three academic years. The number of full-time students is steadily increasing.

Classes for Employed Students.—Washington affords unique advantages for self-supporting students. To accommodate such students the Law School provides a complete curriculum in the late afternoon from 5:10 to 6:55, with some optional morning classes from 7:50 to 8:40. Many of these students have positions in the Government service, or in private offices. The hours of government employment are, as a rule, from 9 to 4:30. The same hours are followed in many private offices. The location of the school makes it possible for

students to come direct to their classes from their employment. Thus the time between the close of the office day and the evening meal is utilized, a substantial economy. Moreover the student's evenings are free for uninterrupted study. Students employed in law offices or in legal bureaus of the government departments find their employment valuable in giving them practical experience to supplement the work of the classroom.

Justice to these employed students requires that they be given legal training of the most improved type and that they be held to the standards of scholarship necessary to fit them adequately for the practice of law. The fact that they are self-supporting does not justify their being given less. Accordingly, such students are restricted to not more than ten hours per week of class work and are required to spend four years in residence instead of the three years required of students devoting their entire time to the study of law. This requirement also is in accordance with the rules of the American Bar Association and the Association of American Law Schools.

ADVANTAGES OF WASHINGTON FOR LAW STUDENTS

Washington has unique advantages for the student of law. The United States Supreme Court, Court of Claims, and Court of Customs Appeals, and the Court of Appeals, Supreme Court, and Municipal Court of the District of Columbia, represent every phase of the judicial department of the government. In the sessions of Congress may be seen the workings of the national legislative machinery. The federal executive departments furnish examples of every kind of administrative activity. The Federal Trade Commission, Interstate Commerce Commission, Internal Revenue Bureau, and Patent Office, are of special interest to prospective lawyers.

The library facilities are unexcelled. The Library of Congress has over three million books and pamphlets including a law library of over one hundred and fifty thousand volumes. The reading room of this library is open to students.

Stockton Hall, the new law school building, is in the heart of the city. Within a few minutes' walk are the White House, Treasury Department, Department of Commerce, Department of Labor, Civil Service Commission, and the Court of Claims. A little longer walk to the east are the Washington Public Library, the United States Patent Office, and the buildings of the District of Columbia Supreme Court and Court of Appeals. The Capitol and Library of Congress can be reached by a short ride on either of two car lines. Two of Washington's beautiful parks, the Mall, and Potomac Park, the latter with public golf courses, tennis courts, and baseball and football fields are within a few minutes' walk of Stockton Hall.

In cultural advantages Washington is unexcelled. No other city furnishes to the student so many opportunities outside the classroom for acquisition of knowledge, broadening of vision, and gain in culture.

THE LAW BUILDING

Since September 1, 1925, the Law School has occupied a new building specially designed and constructed for its use. It has been named Stockton Hall in honor of the late Rear Admiral Charles H. Stockton, president of the University from 1910 to 1913. It is the second unit of the future University quadrangle.

This new building is on Twentieth Street between G and H Streets and within easy walking distance of most of the Government offices and places of interest with which Washington is crowded. It contains ten classrooms with a total maximum capacity of nearly 1,300 students, a library with accommodation for over 40,000 volumes, ten offices for professors, and rest rooms for men and women students.

LIBRARY

The Law School library, comprising approximately 11,000 volumes, is open daily from 9 a. m. to 11 p. m. and from 2 to 6 p. m. on Sundays. It contains the decisions of the highest courts of all the States and the District of Columbia, the reports of the United States Supreme Court and other federal courts, the English Reprints, English Law Reports, the United States Statutes, the Statutes of certain States, the English Statutes, the principal English and American digests, legal encyclopedias and collections of annotated cases, and the leading text books and legal periodicals.

Students have access to the Congressional Library, including a law library of one hundred and fifty thousand volumes, and other public libraries.

ACADEMIC YEAR AND REGISTRATION

The academic year 1926-27 begins Monday, September 27, and closes Wednesday, June 8. The year is divided into two semesters, the second beginning January 31. The course is so arranged that a student may enter at the beginning of the second semester and be graduated three years from that time, receiving his degree at the Winter Convocation held on or about February 22 of each year.

Students are urged to register at the beginning of the semester. Those who register later than three weeks after the opening of the semester will be restricted to registration for such work as in the opinion of the Dean they can successfully carry.

ADMISSION

Men and women are admitted to the Law School on the same terms.

I. *For the Degree of Bachelor of Laws.*—Candidates for this degree must have completed prior to registration two years of college work, that is, sixty semester hours. They may, however, be admitted subject to conditions in not to exceed six semester hours which conditions must be removed by the beginning of the candidate's second year. The entrance requirements for this degree must be met by the presentation of certificates from approved colleges showing the successful completion of the necessary credits. These certificates should be mailed directly to the Secretary of the Law School from the colleges where the work was completed. The entrance requirements may also be satisfied by the presentation of a diploma showing graduation from an approved college.

Whenever it is possible, certificates should be in the hands of the Secretary of the Law School before September 15 so that the applicant may be advised as to his eligibility.

Students who are unable to have their certificate evaluated before they register may be admitted to a tentative registration. Students

thus admitted who do not have their credentials submitted and approved within *ninety* days after the opening of the semester will be dropped from the rolls. In such cases there will be no refund of registration fee, university fee or tuition fees.

The college work required for admission may be completed in the Department of Arts and Sciences of George Washington University. Classes in pre-legal subjects are given in this department in the forenoon and early afternoon for full-time students, and also in the late afternoon at hours convenient for employed students. Pre-legal work may also be taken in the summer session of this department. Applicants should communicate with the Registrar of the Department of Arts and Sciences, 2033 G Street Northwest, or with the Secretary of the Law School.

The following pre-legal course is suggested:

	Semester Hours
Freshman Year	
English 1 or 2.....	6
Mathematics or Natural Science.....	6
History	6
Political Science 1 and 3 or 2 and 4.....	6
Modern Language	6
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Sophomore Year	
English History	6
Economics 1 or 2.....	6
Logic and Ethics.....	6
Modern Language	6
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II. *For the Degree of Master of Laws or Master of Patent Law.*—Candidates for these degrees must be at least twenty-one years of age and hold the degree of Bachelor of Laws from an institution substantially complying with the requirements of the Association of American Law Schools.

III. *As Special Students.*—Persons who cannot qualify as candidates for a degree but are over twenty-five years of age and have had such educational training and practical experience as should enable them to pursue satisfactorily the study of law, may be admitted as special students by consent of the Dean.

The number of such special students admitted each year may not exceed 10 per cent of the average number of students entering the school for the first time during the two years preceding.

IV. *As Unclassified Students.*—Persons who are eligible to be admitted to regular standing but who do not wish to register for a degree may, in the discretion of the Dean, be permitted to register for special courses as unclassified students.

V. *With Advanced Standing.*—Students from other law schools which substantially comply with the requirements of the Association of American Law Schools may receive not exceeding two years' credit toward the degree of Bachelor of Laws for work done in such schools. Such students must have been qualified to enter this school when they began the study of law. The right is reserved to refuse such credit, in whole or part, or to allow it conditionally or after examination, and credit given may be withdrawn for subsequent poor work.

No credit will be given for law studies pursued in a college or high school before entering on the regular study of law, or for law studies pursued in a law office or through a correspondence course.

HOURS OF INSTRUCTION

The hours of instruction are 7:50-8:40 a. m., 9 a. m.-12 and 5:10-6:55 p. m. A complete course for the LL.B. degree is given in the classes from 9 a. m. to 12. These classes are primarily for students devoting substantially their entire working time to the study of law. Students in these forenoon classes may complete the course for the LL.B. degree in three years. Employed students may complete the full course for the degree by attending the late afternoon classes from 5:10 to 6:55 p. m., or by attending partly from 7:50-8:40 a. m. and partly from 5:10-6:55 p. m. The period of attendance for such students is four years. Subjects offered from 7:50-8:40 a. m. are elective courses open to second and third year students.

A student who takes a majority of his courses in the forenoon section may take work not exceeding fifteen hours a week. A student who takes a majority of his courses in the afternoon section, or in classes held before 9 a. m., is not permitted to register for more than ten hours of work.

DEGREES

1. *Bachelor of Laws.*—The requirements for the degree of Bachelor of Laws are attendance for three academic years in the case of full-time students and for four academic years in the case of part-time students, and the passing of examinations with an average grade of at least "C" in required and elective subjects aggregating eighty semester hours. A semester hour is an hour a week of class work for one semester. Not more than sixteen semester hours with a grade of "D," conditional pass, may be counted toward this degree. This sixteen-hour rule, however, does not apply to students who entered the Law School before January 1, 1925.

The degree of Bachelor of Laws with distinction will be awarded students who attain an average grade of "A" in all subjects counted toward that degree.

2. *Master of Laws*.—The requirement for the degree of Master of Laws is the completion of at least twenty semester hours in subjects not counted toward the degree of Bachelor of Laws, with a grade of at least "C" in each subject, and an average grade of at least "B" in all subjects. This degree will not be conferred until one academic year after the receipt of the Bachelor's degree.

Trusts, Conflict of Laws and Constitutional Law must be included in the course for the degree of Master of Laws if not taken in the course for the degree of Bachelor of Laws. In the case of students registering for this degree after June 1, 1925, Roman Law will also be required.

3. *Master of Patent Law*.—Students who have qualified for the degree of Master of Laws may elect instead the degree of Master of Patent Law, provided they have included in their course the Patent Law subjects and Federal Procedure. This degree will not be conferred until one academic year after receipt of the degree of Bachelor of Laws.

Candidates for degrees who have been absent from school for two successive years may reenter and continue the course only on such terms as the faculty may prescribe at the time of reentering.

The right is reserved to refuse to confer a degree upon a candidate whose attendance or conduct have been unsatisfactory to the faculty.

COMBINED SIX-YEAR COURSE FOR THE DEGREES OF BACHELOR OF ARTS AND BACHELOR OF LAWS

The University permits one year of professional work in the Law School to be counted toward an academic degree. The degree of Bachelor of Arts will be conferred upon the completion of three years of college work (ninety semester hours, eighteen semester hours of which must be completed in the Department of Arts and Sciences of George Washington University, including one of the six groups of subjects there prescribed), and twenty-eight semester hours in the Law School; the degree of Bachelor of Laws upon the completion of the remainder of the work for that degree.

ATTENDANCE, EXAMINATIONS, GRADES, AND REQUIREMENTS FOR REMAINING IN THE SCHOOL

Attendance.—No student, except by special permission of the Dean, will be allowed credit in any subject unless he has been regularly registered and in regular attendance and has done all the work required in the course in that subject.

Examinations.—Written examinations are held at the close of the first semester in subjects which are then completed and at the close of the second semester in all other subjects. All students are required to take the regular examinations in the subjects pursued, unless excused by the Dean. A student who, with the consent of the Dean, does not take the final examination in a subject with the class in which he is enrolled, may take the next regular examination given in the subject.

A student who receives a conditional or passing grade in any subject will not be permitted to take any subsequent examination in that subject without repeating the subject. A student who receives a grade of E in a single subject only, if he has a general average of C for the year, may take the next regular examination in that subject and if, on such reexamination, he attains the grade of C, he will be credited with a grade of D (60) in the subject.

No special examinations will be given; provided, that upon written application to the Scholarship Committee, showing sufficient cause, a candidate for a degree at a convocation before the next regular examination, if he would be entitled to take that examination, may, in the discretion of the committee, be given a special examination not less than sixty days after the one which he failed to take or to pass.

Grades.—At all examinations the grades of students are indicated as follows: A—excellent, 85-100; B—good, 75-84; C—pass, 65-74; D—conditional pass, 55-64; E—failure, below 55.

At the end of each academic year each student receives a percentage grade showing his general average for the year.

Not more than sixteen semester hours with a grade of D may be counted toward the degree of Bachelor of Laws. This rule will not apply to students who entered the school prior to January 1, 1925.

An average of C in eighty hours of work will be required of all candidates for the degree of Bachelor of Laws.

Requirements for Remaining in the School.—Unless a student in each academic year receives a grade above E in at least three-fourths of the semester hours in which he is registered (unless he is excused by the Dean from taking an examination), he will be denied registration in the future; provided that upon written application to the Scholarship Committee, showing sufficient cause, a student may be reinstated on such conditions as the committee may impose.

The Scholarship Committee has the power to warn, place on probation, or to drop students whose work or attendance is deemed unsatisfactory or to refuse registration to such students.

RESERVATION OF RIGHT TO CHANGE RULES

The right is reserved to drop any student from the Law School whenever, in the interest of the student or the school, the faculty deem it advisable to do so, or to modify or change the requirements, rules and fees of the school.

SUBJECTS OF INSTRUCTION

The subjects marked with an asterisk are prescribed for the degree of Bachelor of Laws. These are as follows: Bills and Notes, Common Law Actions, Common Law Pleading and Practice, Constitutional Law, Contracts, Corporations, Criminal Law and Procedure, Equity II, Equity Pleading and Practice, Evidence, Moot Court, Personal Property, Real Property I, Real Property II, and Torts. Criminal Law and Procedure is not required of students who entered the school before June 1, 1925. Constitutional Law is not required of students who entered before June 1, 1924.

The student may elect the remainder of his subjects. Third-year students may elect subjects of the second year not previously studied.

The following is a list of subjects offered during 1925-26, and is not an announcement of courses for 1926-1927, although few changes are anticipated. Text books and instructors may be changed in some instances.

FIRST-YEAR SUBJECTS

AGENCY. *Two hours a week throughout the year.* Keedy's Cases on Agency. Mr. POLLITT.

*COMMON LAW ACTIONS. *One hour a week for one semester.* Sunderland's Cases on Common Law Pleading. Mr. POLLITT.

*CONTRACTS. *Three hours a week first semester, four hours a week the second semester.* Williston's Cases on Contracts. Mr. MOLL, Mr. SPAULDING, and Mr. POLLITT.

*CRIMINAL LAW AND PROCEDURE. *Three hours a week for one semester.* Mikell's Cases on Criminal Law and Procedure. Mr. EARNEST.

DOMESTIC RELATIONS. *Two hours a week for one semester.* Woodruff's Cases on Domestic Relations. Mr. EVANS.

*PERSONAL PROPERTY. *Three hours a week for one semester.* Warren's Cases on Property. Mr. UPDEGRAFF and Mr. ARNOLD.

PRINCIPLES OF LEGAL LIABILITY. *Two hours a week for one semester.* Beale's Cases on Legal Liability. Mr. SPAULDING.

*REAL PROPERTY I. *Three hours a week for one semester.* Warren's Cases on Real Property. Not given in 1925-1926.

*TORTS. *Three hours a week throughout the year.* Pound's Cases on Torts. Mr. COLLIER and Mr. EDGERTON.

SECOND-YEAR SUBJECTS

AGENCY. *Two hours a week throughout the year.* Keedy's Cases on Agency. Mr. POLLITT.

*COMMON LAW PLEADING AND PRACTICE. *Two hours a week for one semester.* Shipman on Pleading. Mr. CLEPHANE and Mr. ROSS.

DAMAGES. *Two hours a week for one semester.* Beale's Cases on Damages. Not given in 1925-1926.

DOMESTIC RELATIONS. *Two hours a week for one semester.* Woodruff's Cases on Domestic Relations. Mr. EVANS.

*EQUITY II. *Two hours a week throughout the year.* Ames' Cases on Equity Jurisdiction, Volume 1. Mr. SPAULDING and Mr. MOLL.

*EQUITY PLEADING AND PRACTICE. *One hour a week for one semester.* Jones on Equity Pleading and Practice. Mr. CLEPHANE and Mr. ROSS.

*EVIDENCE. *Two hours a week throughout the year.* Hinton's Cases on Evidence. Mr. LATIMER and Mr. ARNOLD.

INSURANCE. *Two hours a week for one semester.* Vance's Cases on Insurance. Mr. EVANS.

LEGAL BIBLIOGRAPHY AND BRIEF-MAKING. *One hour a week for one semester.* Mr. HALL and Mr. MILLER.

QUASI-CONTRACTS. *Two hours a week for one semester.* Thurston's Cases on Quasi-Contracts. Not given in 1925-1926.

*REAL PROPERTY II. *Two hours a week throughout the year.* Warren's Cases on Conveyancing. Mr. UPDEGRAFF.

SALES. *Two hours a week throughout the year.* Williston's Cases on Sales (3rd ed.). Mr. POLLITT.

THIRD-YEAR SUBJECTS

ADMINISTRATION OF ESTATES. *Two hours a week for one semester.* Warren's Cases on Wills and Administration. Mr. EVANS.

ADMINISTRATIVE LAW. *Two hours a week for one semester.* Freund's Cases on Administrative Law. Mr. SPAULDING.

ADMIRALTY. *Two hours a week for one semester.* Ames' Cases on Admiralty Jurisdiction, and assigned readings. Mr. ALDEN.

BANKRUPTCY. *Two hours a week for one semester.* Mr. BRANDENBURG.

*BILLS AND NOTES. *Two hours a week throughout the year.* Britton's Cases on Bills and Notes. Mr. ARNOLD.

CONFLICT OF LAWS. *Two hours a week throughout the year.* Lorenzen's Cases on Conflict of Laws. Mr. VAN VLECK.

*CONSTITUTIONAL LAW. *Two hours a week throughout the year.* Hall's Cases on Constitutional Law. Mr. COLLIER.

*CORPORATIONS. *Two hours a week throughout the year.* Warren's Cases on Corporations (2nd ed.). Mr. EDGERTON.

EQUITY III. *Two hours a week for one semester.* Ames' Cases on Equity Jurisdiction, Volume II. Justice STAFFORD.

FEDERAL PROCEDURE. *Two hours a week for one semester.* Mr. BRANDENBURG.

HISTORY OF ENGLISH LAW. *Two hours a week for one semester.* Pound's Readings on the History and System of the Common Law. Mr. UPDEGRAFF.

INTERNATIONAL LAW. *Two hours a week throughout the year.* Scott's Cases on International Law. Mr. HARRIMAN.

LEGAL TACTICS AND ETHICS. *One hour a week for one semester.* Mr. CLEPHANE.

*MOOT COURT. *Two hours a week throughout the year.* Messrs. CLEPHANE, EARNEST, LATIMER and HALL. To register for this course, students must have completed Common Law Pleading and Practice, Equity Pleading and Practice and Evidence.

MORTGAGES. *Two hours a week for one semester.* Kirchwey's Cases on Mortgages (2nd ed.). Mr. EVANS.

SURETYSHIP. *Two hours a week for one semester.* Ames' Cases on Suretyship. Mr. ARNOLD.

ORGANIZATION AND MANAGEMENT OF CORPORATIONS. *One hour a week for one semester.* Clephane on the Organization and Management of Corporations. Mr. HALL.

PARTNERSHIP. *Two hours a week for one semester.* Crane and Magruder's Cases on Partnership. Justice STAFFORD.

PATENT LAW (Substantive) AND PATENT OFFICE PRACTICE. *Two hours a week throughout the year.* Mr. SUTTON.

PATENT LAW MOOT COURT. *Two hours a week for one semester.* Mr. SUTTON.

PROPERTY III. *Two hours a week for one semester.* Kale's Cases on Future Interests. Mr. UPDEGRAFF.

PUBLIC UTILITIES AND INTERSTATE COMMERCE. *Two hours a week throughout the year.* Burdick's Cases on Public Utilities. Mr. EDCERTON.

ROMAN LAW. *Two hours a week for one semester.* Sohm's Institutes of Roman Law (Ledlie's translation); Pound's Readings in Roman Law. Mr. MOLL.

TAXATION. *Two hours a week for one semester.* Beale's Cases on Taxation. Mr. COLLIER.

TRUSTS. *Two hours a week throughout the year.* Scott's Cases on Trusts. Mr. EVANS.

WILLS. *Two hours a week for one semester.* Warren's Cases on Wills and Administration. Mr. EVANS.

SUMMER SESSION, 1926

The Summer School for 1926 will cover a period of thirteen weeks, divided into two sessions of six and one-half weeks each. Classes in the first session begin Monday, June 14, and end Saturday, July

24. Examinations will be held July 26, 27, and 28. Classes in the second session begin Thursday, July 29, and end Wednesday, September 8. Examinations will be held September 9, 10, and 11.

The purpose of the Summer School is to enable students to lighten the work of the regular session or to shorten the period of study for a degree.

Subjects have been selected to afford proper work, both for students beginning the study of law and for advanced students. All the subjects selected will be given by regular members of the faculty, and the character of instruction and the amount and grade of work required will be the same as in the regular session.

TERMS OF ADMISSION

The Law School is co-educational. Both men and women are admitted to the Summer School and to the regular session upon the same terms.

The requirements for admission are the same as those for the regular sessions. Students from other law schools may be admitted for the summer sessions only as special students.

Registration should be completed by the opening date of each session. Students may register for one or both sessions.

FEES

1. Registration fee (payable once, upon first registration in the Law School)..... \$5.00

2. Tuition fee:

(a) For students who matriculate in the Law School on or after June 1, 1926, tuition fee per semester credit..... 8.00

(b) For all other students, tuition fee per semester credit..... 7.00

Fees for each summer session are due and payable in advance upon registration for the session.

A student who is compelled to withdraw before the end of a session should notify the Secretary of the Law School at once. In such cases, *if there is prompt notification*, a fair adjustment of fees will be made, the reasons for withdrawal being considered. No reduction will be made for withdrawal after the middle of a session or for late registration.

CREDIT

Employed students may obtain a maximum of four semester hours' credit in each session by taking two subjects aggregating ten periods per week.

Students without substantial outside employment may obtain a maximum of six semester hours' credit in each session by taking three subjects aggregating fifteen periods per week.



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HOURS OF INSTRUCTION

The schedule is so arranged that work may be taken in the morning or in the late afternoon, or part in the morning and part in the late afternoon.

Classes in morning subjects are held from Tuesday to Saturday, inclusive; classes in afternoon subjects from Monday to Friday, inclusive. Monday, July 5, and Monday, September 6, will be holidays.

COURSES OF INSTRUCTION—FIRST SESSION

FIRST YEAR SUBJECTS

Agency.—Two semester credits. Keedy's Cases. Tuesday and Friday, 5:10 to 6:55 p. m.; Wednesday, 6:05 to 6:55 p. m. Mr. POLLITT.

*Personal Property.—Two semester credits. Warren's Cases. Monday and Thursday, 5:10 to 6:55 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. UPDEGRAFF.

Principles of Legal Liability.—Two semester credits. Beale's Cases. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. SPAULDING.

SECOND AND THIRD YEAR SUBJECTS

Agency.—Two semester credits. (See under First Year Subjects.)

Equity III.—Two semester credits. Ames' Cases (Vol. II). Tuesday and Friday, 5:10 to 6:55 p. m.; Wednesday, 6:05 to 6:55 p. m. Mr. SPAULDING.

*Evidence.—Four semester credits. (Double subject.) Hinton's Cases. Monday to Friday, inclusive, 5:10 to 6:55 p. m. Mr. ARNOLD.

Quasi-Contracts.—Two semester credits. Thurston's Cases. Monday and Thursday, 5:10 to 6:55 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. VAN VLECK.

Wills.—Two semester credits. Warren's Cases on Wills and Administration. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. UPDEGRAFF.

SECOND SESSION

FIRST-YEAR SUBJECTS

*Common Law Actions.—Two semester credits. Sunderland's Cases. Monday and Thursday, 5:10 to 6:55 p. m.; Wednesday, 5:10 to 6 p. m. Mr. POLLITT.

Domestic Relations.—Two semester credits. Woodruff's Cases. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. MOLL.

SECOND AND THIRD YEAR SUBJECTS

Domestic Relations.—(See under First Year Subjects.)

Damages.—Two semester credits. Beale's Cases. Tuesday and Friday, 5:10 to 6:55 p. m.; Wednesday, 6:05 to 6:55 p. m. Mr. MOLL.
Code and Equity Pleading.—Two semester credits. Hinton's Cases on Code Pleading and Keigwin's Cases on Equity Pleading. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. POLLITT.

*Corporations.—Four semester credits. (Double Subject.) Warren's Cases on Corporations. Monday to Friday, inclusive, 5:10 to 6:55 p. m. Mr. COLLIER.

Trusts.—Four semester credits. (Double Subject.) Scott's Cases. Monday to Friday, inclusive, 5:10 to 6:55 p. m. Mr. EVANS.

THE BENCHERS

The Benchers is a legal honor society, organized to promote scholarship in the Law School. Students who have maintained an average of A during two years' work in this Law School are eligible as Term Benchers, and those who have maintained an A average throughout the course and are within the first 10 per cent of the class are eligible as Benchers. Elections are by the Faculty Benchers.

STUDENTS' EMPLOYMENT

The University maintains an employment bureau to assist students in finding work to aid in their support. Many out-of-town students take the United States Civil Service examinations in their various states and secure positions in the Government departments in Washington, where the hours of employment enable them to pursue the law course in the afternoon. Information concerning these examinations may be secured from the Civil Service Commission at Washington. Many other students secure private employment.

There are also opportunities for private employment which will help pay expenses, but the applicant must be on hand to take advantage of them. Prospective students should have the means of support for at least a half-year to give them time to secure positions.

PRIZES

The John B. Larner Gold Medal.—A gold medal donated by Mr. John Bell Larner, Chairman of the Board of Trustees of the University, is awarded annually to that member of the graduating class who attains the highest average grade in the entire course for the degree of Bachelor of Laws. Awarded in 1924-25 to Robert S. Gordon.

Samuel Herrick Prize.—A prize of twenty-five dollars cash, donated by Samuel Herrick, Esq., is awarded annually to that member of the

*Subjects required for the LL.B. degree.

graduating class, excepting the winner of the gold medal, who has attained the highest average grade in the work of the third year. Awarded in 1924-25 to Frank L. Lowe.

The Ordranax Prize Scholarship.—A prize scholarship, known as "the Ordranax Prize Scholarship," is awarded annually to that member of the second-year class taking the regular course who shall have

HENRY STRONG-WILLIAM A. MAURY SCHOLARSHIP LOAN FUND

A scholarship loan fund in the Law School has been established by Gordon Strong, Esquire, of Illinois, of the class of 1890, in memory of the late Henry Strong and William A. Maury. Application for the benefits of this scholarship should be made to the Treasurer of the University.

Legal Fraternity Prize.—A prize of twenty-five dollars in gold, to be awarded annually to that woman member of the first-year class receiving the highest average of those registered as first-year students who shall not have entered the Law School prior to September of the scholastic year for which the prize is awarded, and who shall have completed at least eighteen semester hours of study during that year. Awarded 1924-25 to Phoebe Morrison.

Ellsworth Prize.—A prize of twenty-five dollars in gold, offered by Mr. Fritz v. Briesen, called the "Ellsworth Prize," is awarded for the best work done by a student in the subject of Patent Law Practice. Awarded 1924-25 to Charles Shepard 2d.

John Byrne and Company Prize.—A prize offered by John Byrne and Company of Washington, D. C., of four volumes of their Legal Classics, is awarded each year to the student attaining the highest grade in Real Property II. Awarded 1924-25 to Moses Byington and Isaac Lisansky.

Contracts Prize.—A prize offered by Callaghan and Company, law book publishers, of a Cyclopedic Law Dictionary is awarded each

SECOND AND THIRD YEAR SUBJECTS

Domestic Relations.—(See under First Year Subjects.)

Damages.—Two semester credits. Beale's Cases, Tuesday and Friday, 5:10 to 6:55 p. m.; Wednesday, 6:05 to 6:55 p. m. Mr. MOLL.

Code and Equity Pleading.—Two semester credits. Hinton's Cases on Code Pleading and Keigwin's Cases on Equity Pleading, Tuesday to Saturday inclusive.

may be secured from the Civil Service Commission at Washington. Many other students secure private employment.

There are also opportunities for private employment which will help pay expenses, but the applicant must be on hand to take advantage of them. Prospective students should have the means of support for at least a half-year to give them time to secure positions.

PRIZES

The John B. Larner Gold Medal.—A gold medal donated by Mr. John Bell Larner, Chairman of the Board of Trustees of the University, is awarded annually to that member of the graduating class who attains the highest average grade in the entire course for the degree of Bachelor of Laws. Awarded in 1924-25 to Robert S. Gordon.

Samuel Herrick Prize.—A prize of twenty-five dollars cash, donated by Samuel Herrick, Esq., is awarded annually to that member of the

*Subjects required for the LL.B. degree.

graduating class, excepting the winner of the gold medal, who has attained the highest average grade in the work of the third year. Awarded in 1924-25 to Frank L. Lowe.

The Ordranax Prize Scholarship.—A prize scholarship, known as "the Ordranax Prize Scholarship," is awarded annually to that member of the second-year class taking the regular course who shall have attained the highest average grade in the work of the second year. The recipient of this prize will be entitled to receive credit for tuition fees to the extent of one hundred dollars in his third year; the diploma fee will remain payable. The award of this scholarship is purely personal and will not be commuted to a cash payment. The recipient of the scholarship must make use of it during the session next succeeding its award; otherwise it will be awarded to the person having the next highest average. Won in 1924-25 by Moses Byington. Because the winner, Moses Byington, was unable to make use of the prize during the session next succeeding its award, it was awarded to Ernest L. Wilkinson, having the next highest average.

Phi Delta Phi Prize.—John Marshall's Inn, of Phi Delta Phi Fraternity, offers a prize of twenty-five dollars cash, to be awarded at the close of each school year to that man of the first-year class who shall have attained the highest average grade in the entire work of the year. Recipients are restricted to men who have made their initial registration in the Law School since the previous June, and who shall have completed at least eighteen semester hours of the courses prescribed for the work of the first year. Awarded in 1924-25 to Clinton B. Townsend.

Phi Delta Delta Prize.—Zeta Chapter of Phi Delta Delta Women's Legal Fraternity offers a prize of twenty-five dollars in gold, to be awarded annually to that woman member of the first-year class receiving the highest average of those registered as first-year students who shall not have entered the Law School prior to September of the scholastic year for which the prize is awarded, and who shall have completed at least eighteen semester hours of study during that year. Awarded 1924-25 to Phoebe Morrison.

Ellsworth Prize.—A prize of twenty-five dollars in gold, offered by Mr. Fritz v. Briesen, called the "Ellsworth Prize," is awarded for the best work done by a student in the subject of Patent Law Practice. Awarded 1924-25 to Charles Shepard 2d.

John Byrne and Company Prize.—A prize offered by John Byrne and Company of Washington, D. C., of four volumes of their Legal Classics, is awarded each year to the student attaining the highest grade in Real Property II. Awarded 1924-25 to Moses Byington and Isaac Lisansky.

Contracts Prize.—A prize offered by Callaghan and Company, law book publishers, of a Cyclopedic Law Dictionary is awarded each

year to the student attaining the highest grade in Contracts. Awarded 1924-25 to Vivian Simpson.

Phi Alpha Delta Prize.—John Jay Chapter, Phi Alpha Delta Law Fraternity, offers a prize consisting of the set of Wigmore on Evidence, to the second-year student attaining the highest average in the required subjects of the first and second years. Awarded 1924-25 to Moses Byington.

Delta Theta Phi Prize.—Woodrow Wilson Senate of the Delta Theta Phi Law Fraternity offers a prize, consisting of a twenty-five dollar credit toward the purchase of law books, to be selected by the winner, to that student of the second-year class who shall have attained the second highest average grade in the work of the second year. Recipients are restricted to students who have completed at least twenty semester hours of work during the regular school year. No student who, upon the completion of two years' work in the Law School, has completed a total of more than sixty semester hours of work therein, or who at the beginning of his second year has completed less than twenty semester hours of work, is eligible for this prize. Awarded in 1924-25 to Ernest L. Wilkinson.

Kappa Beta Pi Prize.—A prize of twenty-five dollars will be awarded by the Nu Chapter of Kappa Beta Pi Legal Sorority to that woman of the second-year class elected to the term benchers, who has the highest scholastic average. Not awarded in 1924-25.

FEES

1. Registration fee (payable once upon first registration in the Law School) \$5.00

2. Tuition fee:

No tuition fee will be charged for less than one semester.

(a) For students who matriculate in the Law School on or after June 1, 1926, as follows:

Students taking the regular full-time morning course, not less than twelve hours per week, per semester.....100.00

Students taking the regular part-time afternoon course of ten hours per week, per semester..... 75.00

All other students, per semester hour..... 8.00

Minimum tuition fee per semester..... 24.00

Students attending the summer sessions, per semester credit... 8.00

(b) For all other students, per semester hour..... 7.00

3. University fee:

Per semester (in advance)..... 4.00

This fee is charged to all students in the University. In return each student receives the following: The University Hatchet (the student newspaper), free admission to all home athletic contests held by the University, medical and hospital

benefits, including not to exceed two weeks in any one year in the University Hospital, the use of the University gymnasium, and other privileges.

4. Graduation fee 11.00

This fee includes one year's membership in the Alumni Association.

The approximate cost of the books for the first year..... 45.00

CHANGES AND WITHDRAWALS

Changes in courses for which students register may be arranged *only in the office of the dean or secretary*. Except where students make changes in this authorized way, they will be treated as registered for the subjects shown on the original registration blanks and will be charged fees accordingly.

Withdrawal from the Law School during a semester may be granted by the Dean upon *written application* setting forth the reasons for such withdrawal. Tuition fees will not be charged beyond the end of the month in which the withdrawal is granted. No other reduction of fees will be made.

In no case will tuition fees be reduced because of non-attendance upon classes.

PAYMENT OF FEES

The registration fee, the University fee for one semester and the tuition fee for at least one month are payable at the time of registration. After registration by a student, no part of the initial payment shall be returnable. The University fee for the second semester is payable at the beginning of that semester.

The tuition fee is charged by the semester and not by the month. It may, however, be paid in eight monthly installments in advance, each installment being due and payable on the first of the month. Students who fail to pay the current monthly installments of tuition fees by the tenth of the month are delinquent, and if such payment is not made on or before the sixteenth of the month such students will be dropped from the rolls.

Students who have been dropped for delinquency in the payment of tuition fees are not permitted to attend classes during the period of delinquency. Such students may, upon approval of the Dean, be reinstated upon the payment of the amount of delinquency and a three-dollar reinstatement fee.

No reinstatement during a semester will be granted after fifteen days from the date on which a student has been dropped for delinquency in the payment of fees.

Students unable to pay their tuition fees monthly in advance will be required to file an acceptable personal or corporate bond for two hundred and fifty dollars as security for future payment.

All changes in courses must be made before the 10th of October for the first semester and before the 10th of February for the second semester, after which dates no changes in courses will be permitted without the approval of the Dean of the department in which the student is registered and the payment of \$2.00 for each change.

All fees are payable at the office of the Treasurer of the University, 2033 G Street N.W.

STUDENTS REGISTERED IN THE LAW SCHOOL 1925-26

Names of students who have withdrawn or graduated are indicated by stars; those who have entered since February 1, 1926, by daggers.

CANDIDATES FOR THE DEGREES OF BACHELOR OF LAWS

FIRST YEAR

- | | |
|-------------------------------------|--------------------------------------|
| Acce, Alfred, D. C. | †Box, John Calvin, Tex. |
| Adams, John Quincy, Okla. | *Bradley, John Reed, Pa. |
| Advincula, Eleuterio A., P. I. | †Britt, James Edward, N. C. |
| A. B., University of Wisconsin | B.S. in M.E., North Carolina State |
| †Aitken, Benjamin Thomas, N. Y. | College of Agriculture and En- |
| Aldrich, Irwin Dayton, Jr., S. Dak. | gineering. |
| A. B., University of South Dakota | †Brookhart, Smith W., Jr., Iowa |
| †Almann, Rudolf Edward, D. C. | Broser, Edward, Conn. |
| M.E., University of Vienna | B.S., Yale University |
| *Ames, William Paterson, Va. | †Brown, Bryant Council, N. C. |
| B.Sc., Mississippi Agricultural and | A.B., University of North Carolina |
| Mechanical College | *Brown, John Webb, Miss |
| *Anadale, George Arthur, D. C. | *Brown, Lawrence Murphy, D. C. |
| Armstrong, Frank, Utah | B.S. in Agri., University of Wis- |
| Arzoumanian, Jacob, Mass. | consin |
| S.B., Massachusetts Institute of | Brown, William Brazil, D. C. |
| Technology | †Bryan, Henry Eugene, Ohio |
| Athey, Herndon Rine, W. Va. | *Burch, Lewis D., Ind. |
| *Atkins, Robert Stephenson, Va. | B.S., M.E., Purdue University |
| A.B., University of Richmond | Burke, Ellen Teresa, D. C. |
| Babeock Earl, D. C. | A.B., George Washington University |
| B.S., George Washington University | *Burke, Frances Marie, Ind. |
| Babigan, Raymond, Mass. | Burns, Clarence Franklin, N. C. |
| Bailey, Joseph Pennington, D. C. | Byrne, Edward Munson, D. C. |
| *Balter, Benedict, Pa. | Callender, John Wesley, D. C. |
| Banton, John William, Iowa | Caanon, John Quayle, Jr., Utah |
| †Barley, J. Francis, Ill. | †Carey, Stephen Jay, D. C. |
| Bassler, William Sidney, D. C. | †Carter, Henry, Mass. |
| A.B., George Washington University | A.B. and A.M., Yale University |
| *Bell, Lanneseu Riggs, S. C. | Cartwright, Robert Burns, N. Mex. |
| Bentley, Jordan Ruthven, D. C. | A.B., University of New Mexico |
| Blackman, Harold Stephen, Mo. | Casanova, Orlaro Yacencio, D. C. |
| A.B., Missouri State Teacher's | B.Sc. in C.E., Carnegie Institute of |
| College | Technology |
| *Block, David Sylvan, Md. | Castle, James Manderson, Jr., Pa. |
| Bogard, Samuel, D. C. | B.S. in Chem., University of Penn- |
| *Bonett, David Joseph, N. Y. | sylvania |
| B.S. and M.E., College of the City | *Chalmers, Andrew Bruce, Ohio |
| of New York | Chandler, William Snyder, D. C. |
| Bowden, William Kendrick, D. C. | Chaney, Donald John, D. C. |

- *Chase, Volney Ogle, D. C.
 †Cherbonnier, Andre Victor, Md.
 Graduate, U. S. Naval Academy
 Clark, Lester Brown, La.
 B.E. in C.E., Tulane University
 Clark, Rollin Marmelston, N. J.
 B.S. in M.E., University of Pennsylvania
 Clark, Russell Herman, Md.
 Clark, Stanley Aubrey, Okla.
 *Clements, Francis Willard, Va.
 Coe, Bryan, D. C.
 Cogswell, Richard Upton, N. H.
 Cohen, Daniel George, D. C.
 B.S. in Mech. Eng., Tufts College
 †Colby, Joseph William, Iowa
 Cole, Felix, D. C.
 A.B., Harvard University
 Congdon, Richard Gates, N. J.
 A.B., George Washington University
 Conner, Norman Hampton, D. C.
 Cook, Anita Marie, D. C.
 A.B., George Washington University
 Cordrey, Russell Albert, Ohio
 B.S., Case School of Applied Science
 Cotton, Norris Henry, N. H.
 Covington, Hilburn Pace, Miss.
 Cowley, Samuel P., Utah
 B.S., Utah Agricultural College
 Cox, Elizabeth M., D. C.
 Craigbill, Alexander Lee, D. C.
 Cressy, Willis Earl, Wash.
 †Crews, Joseph Sharrell, N. C.
 Crocker, Arthur Wilbur, Va.
 Crafts, Leroy Arthur, Wyo.
 †Cullen, William G., Okla.
 A.B., Oklahoma University
 Cummings, Gale Taylor, Va.
 Cunningham, Norman Jay, Pa.
 Currie, Robert Jerry, Mich.
 Daly, Marguerite Marie, D. C.
 A.B., George Washington University
 *Dame, Kenneth Hugh, Ind.
 B.Sc. in Econ, University of Pittsburgh
 Daubin, Meredith M., Mo.
 *Davis, Richard Thurman, Utah
 †Dawson, Harry Adams, Md.
 DePue, Thomas Norris, W. Va.
 B.S., West Virginia University
 Dingwell, Paul Douglas, D. C.
 Grad., U. S. Naval Academy
 Dinwoodey, Charles Dean, Idaho
 A.B., University of Utah
 Domigan, Horace W., Ohio
 Donaldson, Kenneth, D. C.
 C.E., Lehigh University
 Donovan, Lucile, Ind.
 Drury, Abner Bernard, D. C.
 Dunham, Paul Overing, Wis.
 B.S., University of Wisconsin
 Durand, Harrison Fisher, S. Dak.
 †Eaker, Ira C., D. C.
 Earl, Donald Edward, Minn.
 B.S. and M.S., University of Minnesota
 Ehrlich, Emil, N. Y.
 †Elder, Clarence May, D. C.
 Elliott, Clyde Raymond, Ohio
 Elliott, Henry Harold, D. C.
 B.S. in Econ., University of Pennsylvania
 †Ely, Nathaniel, N. J.
 Entriken, Samuel Everett, D. C.
 *Epperson, William Philip, Mo.
 B.S. in Ch.E., George Washington University
 Farmer, Harold Osborne, Ill.
 Farnum, Edward Shippen Watson, Jr., D. C.
 Feldman, Solomon Herman, D. C.
 Flaherty, Leo Edward, Ind.
 B.S., Rose Polytechnic Institute
 *Flannery, John Matthew, Pa.
 *Flood, Lester Carp Mills, Conn.
 Fonbuena, Eugenio Maslaya, P. I.
 A.B., Macalester College
 Frank, Louis Paul, Va.
 Graduate, U. S. Naval Academy
 Franklin, Bernard Solomon, N. Y.
 M.E. and M.M.E., Rensselaer Polytechnic Institute
 Fredericks, Harold Newman, Minn.
 Friedrich, Charles, N. Y.
 *Furlow, George Willard, Minn.
 †Gallo, Anthony James, Del.
 †Ganti, Sue Elizabeth, Md.
 A.B., Goucher College
 *Gardiner, Carl Wade, N. J.
 Gary, Edwin Bernard, Md.
 Geiger, Clarence Edward, D. C.
 Geisler, Robert Henry, Calif.
 *Gilbert, William Kenedy, D. C.
 A.B., Princeton University
 Gilliland, Carl Glenn, D. C.
 Golub, Morris, N. Y.
 Goodman, Guy H., Md.
 Gorn, Elmer Joseph, Conn.
 B.S., Yale University
 Gould, B. Ralph, Kans.
 A.B., University of Kansas
 Graham, James Joseph, D. C.
 Grad., U. S. Naval Academy
 Gray, Porter McCain, Ky.
 *Green, Marden Pow, D. C.
 Griffith, John Wenig, Iowa
 *Griggs, Charles Clifton, Utah.
 B.Sc. in E.E., University of Nebraska
 Grimes, Harlan Earl, Okla.
 †Gross, Charles Ernest, D. C.
 †Gross, Ralph Franklin, Okla.
 Grossman, Raymond Mendell, Ill.
 Groton, Edwin Ralph, Md.
 A.B., Western Maryland College
 Haig, Robert Van Rensselaer, D. C.
 Hall, Franklin Christian, D. C.
 B.A., St. John's College
 Hanaway, William Lippincott, D. C.
 B.Sc., Rutgers College
 Hanna, Matthew Elting, Jr., D. C.
 A.B., Yale University
 Hannigan, Isabell, Mich.
 *Hanson, Morris Lloyd, Minn.
 Harper, Hoyt Benjamin, Ill.
 Harris, Floyd Mandeville, Pa.
 B.S., Carnegie Institute of Technology
 Hartman, Douglas William, Wis.
 A.B., George Washington University
 Hayes, Charles David, D. C.
 *Heaton, Forrest Franklin, D. C.
 Henderson, Curtis Carl, Miss.
 B.S., Mississippi Agricultural and Mechanical College
 Henninger, Miles, Pa.
 B.Sc. in Ch.E., Bucknell University
 Hill, Harry Duremus, Ind.

- Hill, Sherman Russell, D. C.
 Hoaglund, Cyrus Vincent, Minn.
 Holt, Elmer Cornelius, N. Dak.
 Hoopes, Edward III, D. C.
 B.Sc. in M.E., University of Oklahoma
 Hoover, Wallace Beattie, D. C.
 *Howes, Townsend, Md.
 Hoxie, John Alfred, Mass.
 S.B., Massachusetts Institute of Technology
 Hubschman, Albert, N. J.
 Hudson, Ralph Hoskens, D. C.
 Hyatt, Lena Rose, D. C.
 James, Sydney, N. Y.
 B.S., College of the City of New York
 *Johnson, Bertrand Leroy, Mass.
 S.B., Massachusetts Institute of Technology
 *Johnson, Carl Daniel, Kans.
 Johnson, Nobel Gustaf, Ill.
 A.B., University of Illinois
 Johnston, Charles McClean, Mich.
 A.B., Wabash College
 Johnston, LaDow, Ohio
 †Justice, Glenn Leroy, Va.
 Kaufman, Herman Paul, N. Y.
 M.E., Brooklyn College of Engineering
 Kaufmann, Joseph Alexander, Va.
 Keegin, Stafford Warwick, D. C.
 A.B., Dartmouth College
 †Kenyon, Frieda, D. C.
 B.S., Barnard College; M. A., Johns Hopkins University
 *Kepler, Donald Muckler, Iowa
 Ketcham, John Clark, Jr., Mich.
 Kilburn, Henry Thomas, D. C.
 B.S., Columbia University
 Kirkland, James Robert, Del.
 Koerner, Edwin Otto, Wis.
 B.S. in E.E., University of Wisconsin
 Koiter, David Randolph, Va.
 Kramer, Samuel Henry, Mass.
 Kreek, Louis Francis, Mo.
 Lachowicz, John Stanley, Conn.
 B.S. and M.A., Wesleyan University (Connecticut)
 Lackmann, Luella Irene, D. C.
 A.B., Cornell University
 Lanzerman, Albert, Pa.
 LaRosa, Willard Edoin, Ill.
 †Lawrence, Thomas Linwood, D. C.
 Leasure, Charles Edward, D. C.
 B.S. in C.E., Catholic University
 †LeClereq, Frederic Kellogg, S. C.
 A.B. and A.M., Oxford University
 Levin, Nathan, N. J.
 M.E., Lehigh University
 †Levy, Maurice Bert, Pa.
 A.B., Lehigh University
 Lewis, James Taylor, N. C.
 Lightman, Jacob Ben, D. C.
 *Lindholm, George Victor, N. J.
 Little, Leroy, Wis.
 B.S. in Eng., University of Minnesota
 *Lockwood, Gordon Browning, Ind.
 B.S., Dartmouth College
 Lovett, John Willis, D. C.
 Lovewell, Newton Nehemiah, Wis.
 Lutkiewitz, Vincent Alexander, D. C.
 Lyman, Albert, Idaho
 Lynn, Marshall Hancock, D. C.
 B.S., University of Virginia
 Lyons, Robert Donlan, S. Dak.
 A.B., University of Wisconsin
 MacFadyen, Mary, N. C.
 †Macina, Louis De Raimond, D. C.
 *MacPherson, Colin Campbell, Va.
 B.S., University of Virginia
 *Major, Ruth Fales, D. C.
 Maholin, Dwight L., Okla.
 †Manuelian, Aram Dee, D. C.
 B.S., University of Vermont
 Marmelstein, Nathan, Ohio
 B.S. in Ch.E., Case School of Applied Science
 Mayfield, John S., Tex.
 Mayfield, Laurence W., Mo.
 Merrick, Wayne, Iowa
 Merrill, William Harrison, Jr., Md.
 A.B., University of Maryland
 Merritt, Lewil Griffith, D. C.
 B.Sc., The Citadel
 *Michot, Annie Eugenie, Tex.
 Miller, Helen Willett, Mich.
 A.B., University of Michigan
 †Milwee, R. Frank, Ark.
 Minnis, Philip Allen, Ind.
 B.S. in M.E., Rose Polytechnic Institute
 Moeller, Otto, N. Y.
 †Mondell, William Harris, Wyo.
 Montstream, John Martin, Conn.
 B.S., Carnegie Institute of Technology
 Moorhead, Ruth, Pa.
 B.S., Simmons College
 Morris, Wayne Howard, Ind.
 *Morrison, Joe Wood, D. C.
 A.B., University of Michigan
 Morrow, Theron Bromley, Mo.
 †Morse, Excellenza Leah, Vt.
 A.B., University of Vermont; B.S. and M.S., Massachusetts Institute of Technology
 *Mote, Donald R., Ind.
 *Muir, Joseph Johnstone, D. C.
 †Mullee, Raymond G., N. Y.
 Mushake, William Ira, D. C.
 B.S. in C.E., George Washington University
 McCormack, Dwight Lynn, Ill.
 †McCormick, Homer L., Okla.
 *McKendree, Laurette M., Ohio
 A.B., George Washington University
 McKenney, Henry Joseph, D. C.
 *McKenney, Phelps Felix, Fla.
 McPherson, Richard Kerens, Mo.
 *Nails, Earl Melville, D. C.
 Naylor, James Marion, D. C.
 Nelson, Preston Matt, Utah
 Nelson, Clarence James, Iowa
 Nevasser, Arnold Harry, D. C.
 Neville, George Waddell, Miss.
 A.B., University of the South
 Neyman, Fanny, Mont.
 Nicholson, John Reed, Jr., Del.
 B.S. in E.E., University of Delaware
 Nilson, Ralph Gilbert, Mass.
 Nixon, Otis Edwin, Okla.
 Nordstrom, Arthur Hugo, D. C.
 Nordstrom, Gertrude Hunter, D. C.
 O'Brien, Ruth, D. C.
 B.Sc. and M.A., University of Nebraska

- †Osmond, Harvard, Utah
 Packer, Earl LeNoir, Utah
 A.B., George Washington University
 Palmer, James Charles, D. C.
 Parker, Norman Douglas, Jr., D. C.
 E.E., Lehigh University
 Parkinson, Edmond West, Idaho
 B.S., Brigham Young University
 Parks, Leston Curtis, Tenn.
 A.B., University of Maryland
 Parrish, Charles Jefferson, D. C.
 Grad., U. S. Naval Academy
 Peterson, Eric George, Kans.
 Peterson, Lucie Frances, Wash.
 Phelps, Marion Brooks, Ohio
 A.B., Oberlin College
 Plumley, Allan Rudolph, Vt.
 B.S. in Chem., Norwich University
 Pollitt, Mima Riddiford, Ohio
 A.B., University of Cincinnati
 Porter, Clarence Henry, D. C.
 M.E., Lehigh University
 †Preinkert, Alma Henrietta, D. C.
 A.B., George Washington University; A.M., University of Maryland.
 †Preinkert, Margaret Marie, D. C.
 A.B., George Washington University; A.M., University of Maryland
 Putnam, Joseph Clifford, Ill.
 *Pyle, Frederic Ray, D. C.
 †Quinn, Orlo Harry, Colo.
 Bachelor of Pedagogy, Maryville State Teachers College
 *Raymond, James Harvey, D. C.
 Redford, Carroll Morris, Ky.
 Reed, Albert C., D. C.
 B.S., University of Delaware
 Rhoads, Frederick Lowell, N. J.
 Rhodes, Cooper Burnett, Md.
 A.B., Dartmouth College
 Rich, Moses Logan, Utah
 B.S., Utah Agricultural College
 Rommel, George Frederick, D. C.
 A.B., George Washington University
 †Runyan, Grace E., Nebr.
 A.B., Teachers College, Peru, Nebr.
 Rutheiser, Paul, N. Y.
 Sandberg, Enos, Utah
 *Sandlin, Harry Till, Ga.
 Schimmel, Joseph, Md.
 B.S. in Ch.Eng., Carnegie Institute of Technology
 *Schindler, Julius Eli, Md.
 *Schnitzler, Louis, Mass.
 S.B. in M.E., Massachusetts Institute of Technology
 Schulze, Richard Paul, D. C.
 *Seibert, Thomas Hopkins, D. C.
 Seymour, John Lawrence, N. Y.
 B.S. in Chem.Eng., University of Maine
 Shapiro, Arthur, Md.
 B.Eng., Johns Hopkins University
 Shields, Theodore Thomas, Minn.
 Silverman, Joseph Melvin, D. C.
 †Simmons, John Howland, Fla.
 B.S. in E.E., Georgia Institute of Technology
 Simonds, Robert McClellan, D. C.
 B.S., Massachusetts Institute of Technology
 *Slaughter, Blanchard King, Calif.
 Slavik, Walter Mark, D. C.
 Smith, Chester Carl, Pa.
 *Smith, Frank, D. C.
 Sonnekalb, William Frederic, Jr., N. J.
 S.B., Massachusetts Institute of Technology
 *Spielman, William Paul, D. C.
 B.S. in C.E. and A.B. in Chem., George Washington University
 Stanton, William Henry, D. C.
 A.B., George Washington University
 Stege, George Washington, D. C.
 Strickland, George Henry, Mass.
 Suran, Raymond Cade, Okla.
 *Sutherland, Joseph Donald, Pa.
 *Swezey, William Francis, Del.
 Tarleton, Gilbert Plympton, Mass.
 Terrill, Clarence Louis, Md.
 †Thompson, Edgar, Mo.
 B.S., M.S., and A.M., Drury College; M.D., St. Louis University
 †Thomson, Earl Henry, Mass.
 Tillema, John Albert, D. C.
 A.B., Hope College; A.M., University of Michigan; Ph.D., Washington University
 Torrey, Morgan Caywood, D. C.
 Tunick, Harry, N. Y.
 E.E., Rensselaer Polytechnic Institute
 Underwood, Richard Laskey, D. C.
 Untiedt, Frederick Henry, N. J.
 S.B. and S.M., Massachusetts Institute of Technology
 Vernon, Weston, Jr., Utah
 B.S. in Business Administration, University of Utah
 Wade, William James, Ill.
 Walker, Charles Lewis, D. C.
 Waller, A. Nelson, D. C.
 Walters, Allyn Andrews, N. Y.
 †Walton, Charles William, Wis.
 S.B. in Agri., University of Wisconsin
 †Walton, Leon Charles, Utah
 A.B., University of Utah
 Ward, Charles Allen, Tenn.
 B.S. in C.E., University of Tennessee
 *Warren, Donald Stuart, Mo.
 Wasmuth, Karl Edward, N. Y.
 Watkins, Harley Alvin, Ohio
 Wefald, Magnus, Minn.
 A.B., St. Olaf College
 *Weiler, William Ray, Wis.
 Wemple, Edwin C., D. C.
 Willey, Emerson Cannon, Utah
 A.B., University of Utah
 Williams, Fred Calvin, Colo.
 Willie, Thomas George, Colo.
 A.B., Colorado College
 *Wilton, Edward Craig, D. C.
 Wingfield, Cecil Gibson, D. C.
 Winkler, Guy Archibald, D. C.
 B.S. in M.E., Lafayette College
 Wood, John Sumner, Mass.
 S.B., Harvard College
 *Wright, Frederick Holmes, Calif.
 A.B., George Washington University
 †Wysong, William Prentiss, W. Va.
 Young, Walter Hempstone, D. C.
 B.S., University of Maryland
 Youngman, Albert Stanley, N. Y.
 *Zahler, Margarette Root, D. C.
 A.B., University of Wisconsin
 Zeydel, Walter Hugh, N. J.

SECOND YEAR

- Allen, Walter Rudolph, N. Y.
 Allison, Raymond Dean, Utah
 Bailey, Roy Wells, Md.
 A.B., Syracuse University
 Ballinger, Willis Jerome, D. C.
 Ph.B., Yale University
 Beatie, Wilford Douglas, Utah
 A.B., George Washington University
 Bender, Leo, Md.
 A.B., George Washington University
 Berry, John Marshall, Ky.
 Berry, William E., Ky.
 Bever, Ellis Dorwin, Kans.
 Blackmar, Lawrence James, N. Y.
 A.B., Syracuse University
 Blake, George Robert, Iowa
 Bowden, Bernice Saunders, Va.
 Brauner, Ralph Herman, D. C.
 B.S. in M.E., George Washington University
 Brewster, Joseph Evan, N. Y.
 B.S., Virginia Military Institute
 Brewster, Vernon Harcourt, Ill.
 B.S., Northwestern University
 Broder, Simon, N. Y.
 M.E., Cornell University
 Brown, George Elmer, Mass.
 B.S., Princeton University
 Brown, Lynn H., Kans.
 A.B., University of Kansas
 *Bruner, Kenneth Henthorne, Ind.
 A.B., George Washington University
 Buckingham, Harriet, Ind.
 Bushong, Edward Stuart, Md.
 A.B., Davis and Elkins College
 Carter, Rolla, Ohio
 B.E.E., Ohio State University
 Casey, Marlin Scott, Kans.
 †Chapman, Ralph, Tex.
 Chipman, Lyman M., Utah
 Clagett, John Francis, Md.
 A.B., University of Maryland
 Coble, Adlai Stevenson, D. C.
 M.E., Cornell University
 Coe, Allen, Md.
 Collier, Cranfill H., Tex.
 Colton, Hugh Wilkins, Utah
 Conlyn, Margaret, D. C.
 Connelly, John Waldo, Jr., D. C.
 A.B., George Washington University
 Cooper, Morton Oscar, Tenn.
 B.S. in Animal Industry, Iowa State College; M.A., American University
 Crabbe, William Mothershead, Ky.
 Culbertson, Paul Trauger, Kans.
 Ph.B., Yale University
 Darling, Carl Egbert, N. Y.
 Davidow, Israel, N. J.
 Deibler, David Hobson, Md.
 DeLong, Forrest Allen, Pa.
 Dillaway, Robert Gardiner, D. C.
 A.B., University of Michigan
 Dimon, Philip Worthington, D. C.
 A.B., Johns Hopkins University
 *Dinger, Jean Thompson, D. C.
 Doudon, William L., N. Y.
 Drummond, Earle Jay, Ohio
 *Duft, Harry Charles, Nebr.
 A.B., Phillips University
 Dunn, Robert Thomas, Ohio
 A.B., Ohio State University
 Earseman, Lois, Pa.
 A.B., Mt. Union College
 Eggleston, George William, Ind.
 Epes, William Robinson, Md.
 B.S. in M.E., Virginia Polytechnic Institute
 Evans, Walter Ogden, Ky.
 A.B., George Washington University
 Felshin, Judah Barnett, N. Y.
 M.E., Stevens Institute of Technology
 Flint, Joseph Howard, N. Y.
 B.Chem., Cornell University
 Ford, Theodore Leo, Nebr.
 †Frank, Abner, D. C.
 Galloway, Beverly Stewart, N. Y.
 A.B., Lehigh University
 Geppert, Carl Frank, Md.
 E.E., University of Dayton
 Gettle, Francis Samuel, Ark.
 Gibson, Edward Banks, D. C.
 Grad., U. S. Naval Academy
 Gibson, Ernest William, Vt.
 A.B., Norwich University
 Gourley, Lawrence L., Ill.
 Graves, Harold Nathan, Ill.
 A.B., Knox College
 Greenberg, Abraham S., N. Y.
 B.S., College of the City of New York
 Grunz, Charles Ray, Ill.
 A.B., Illinois College
 Gustafson, Olaf Alfred, Conn.
 Hanes, Stanley Bartlett, Va.
 Hanscom, LeRoy, Calif.
 A.B., University of California
 Haughey, John Theodore, Iowa
 Hedgecock, Leland Stanford, Tenn.
 A.B., University of Tennessee
 Heilman, Joseph Wolfe, D. C.
 B.S. in Econ., University of Pennsylvania
 Herndon, Neal Norton, Ala.
 Herrstrom, Charles Edwin, Mass.
 S.B., Massachusetts Institute of Technology
 Hobson, John Robert, Md.
 Hood, Harold Burges, Ind.
 B.S. in C.E., Rose Polytechnic Institute
 Hooper, Leon Noel, S. Dak.
 Howrey, Edward Freeland, Iowa
 Hubbard, Wilbur Ross, Md.
 A.B., Yale College
 Huff, Fannie Mae, Tenn.
 A.B. and A.M., Carson and Newman College
 Hull, Charles Wesley, Pa.
 A.B., Franklin and Marshall College
 Hull, John Sommers, Ohio
 Hutton, Lynn D., S. Dak.
 B.S. and M.S., South Dakota State College
 *Jewkes, Ruel Reid, Utah
 Johnston, Victor Angus, N. Dak.
 †Johnston, William Gordon, Iowa
 A.B., University of Iowa
 Kemp, Bolivar Edward, Jr., La.
 King, Olive Virginia, D. C.
 Kinslow, G. Balis, Kans.

- Klinge, Henry John, D. C.
 Knight, Geoffrey, D. C.
 B.S., Cornell University
 Ladd, Daniel Milton, N. Dak.
 Laird, Ralph Eldon, Iowa
 Langyher, Cecil Randolph, D. C.
 Lavender, Robert Alfred, D. C.
 Graduate, U. S. Naval Academy;
 M.S., Harvard University
 Levinson, Joseph, D. C.
 Lewis, Ollie Lee, Ky.
 A.B. and M.Sc., George Washington University
 Lewis, Samuel Lee, Okla.
 L'Heureux, Herve Joseph, N. H.
 A.B., George Washington University
 Long, Lyman Lee, Md.
 A.B., Western Maryland College
 *Luber, Harold Edgar, D. C.
 Mack, Gordon Charles, Ill.
 A.B. and M.S., University of Michigan
 Mallett, Emory Longfellow, Me.
 A.B., Bowdoin College
 Marchetti, Randolph Orville, D. C.
 A.B., George Washington University
 Marshall, Jaquelin Ambler, D. C.
 Marshman, Irving Howard, N. Y.
 B.S. in E.E., University of Minnesota
 Mattingly, Harold Webster, D. C.
 Merritt, Ella Arvilla, D. C.
 A.B. and A.M., George Washington University
 Merry, Henry Herbert, Jr., Me.
 A.B., Bowdoin College
 Miller, Ammon Lee, Pa.
 Ph.B., Dickinson College
 Miller, Ira Palmer, Pa.
 Miller, Lucile Berenice, Mont.
 A.B., Washington University
 †Mitchell, Wade Hampton, D. C.
 Moore, Clarence William, D. C.
 A.B., George Washington University
 Moore, Clifton Leonard, N. C.
 A.B., University of North Carolina
 Moore, Theodore Roosevelt, Okla.
 Morrison, Phoebe, Md.
 A.B., Vassar College
 Mount, Thomas Keener, Md.
 †Moynihan, Harry Lawrence, Ill.
 McGregor, Thomas Henry, Jr., La.
 *McGrew, Martha Steele, Tenn.
 A.B., George Washington University
 McSwain, William Cedney, N. C.
 B.S. in Commerce, University of South Carolina
 Nacrelli, Joseph Anthony, Pa.
 Neil, Hubert Frederick, N. Y.
 Nilsson, Chester Edward, S. Dak.
 O'Hanrahan, Edmond Constantine, Minn.
 B.S. in Eng., University of Minnesota
 Ohlander, Lyle Wayne, D. C.
 A.B., George Washington University
 †Osmond, Alfred Wendell, Utah
 Parker, Clarence LeRoy, Jr., D. C.
 A.B., Princeton University
 Paulson, Eli Martinus, N. Dak.
 Payne, Donald E., D. C.
 B.S. in Ch.E., University of Idaho
 Peter, Edward, Md.
 Peterson, Robert Dupree, Tex.
 *Phillips, Paul Maurice, Mass.
 B.S. and M.S., Massachusetts Institute of Technology
 Porterfield, Roy Albert, Mo.
 B.S., M.S., C.E., University of Kansas
 Priest, Roy Rife, Tex.
 Ray, Christopher A., R. I.
 Reagle, Hilda Ruth, D. C.
 A.B., George Washington University
 †Redfield, Alden Dallas, N. J.
 Graduate, U. S. Naval Academy
 Rice, Claude Alvin, Ill.
 Robertson, John Reynolds, D. C.
 Rosenberg, Israel Harry, D. C.
 B.S., Harvard University
 Russell, Ernest, Va.
 A.B., Emory and Henry College
 Safford, Truman Sunderland, Mich.
 A.B., Antioch College
 Sammons, Charles McKinley, D. C.
 Scarborough, Walter Boyd, Tex.
 Sherwood, Cameron, D. C.
 A.B., Whitman College
 Shreve, Charles Everett, D. C.
 Shreve, Richard Southerne, Jr., Va.
 B.S. in M.E., George Washington University
 Silbe, Carl Frederick, Wis.
 B.S., University of Wisconsin
 *Simonton, Theodore James, N. Y.
 Simpson, Vivian Virginia, D. C.
 A.B., George Washington University
 Slack, Thomas Alfred, D. C.
 B.S., Virginia Military Institute;
 C.E., Cornell University
 Smith, Ardis Adela, Iowa
 Smith, Paul Russell, Okla.
 Smith, William Parkhurst, Mich.
 A.B., University of Michigan
 Souther, George Harold, Mass.
 Spector, Saul Edward, Pa.
 B.S. in Ch. University of Pennsylvania
 Stealy, Eugene Newton, Ky.
 A.B., University of Kentucky
 *Stephens, Chase Gayle, Ark.
 Stewart, Isaac Milton, Calif.
 Steutenburgh, Paul Crosser, D. C.
 A.B., Johns Hopkins University
 *Stuart, Arthur H., Mich.
 B.S., University of Michigan
 Swecker, John Preston, Va.
 Teeh, Ruth Catherine, Ind.
 Tepper, Nolan Harris, D. C.
 Teu, Sanford Brogdyne, N. C.
 A.B., University of North Carolina
 Thaxton, Robert Calvin, Tex.
 B.S., A. and M. College of Texas
 Tilton, Harry B., Ky.
 Tolson, Clyde Anderson, Iowa
 A.B., George Washington University
 Treadway, William Eugene, Ind.
 A.B., Indiana University
 Triebel, Nelson Eugene, Pa.
 Ph.B., Dickinson College
 *Trimble, Gerald Roark, D. C.
 Upham, Cyril Bryce, Iowa
 A.B., Morningside College; A.M. and Ph.D., State University of Iowa
 Van Alstine, Francis Everett, Iowa
 Van Cott, Ray, Jr., Utah
 Van Deusen, William Elmer, Calif.

Vaux, Charlotte Ann, Va.
 Wagner, Winfield Frederic, Wyo.
 Wallace, Fred William, Okla.
 Wallace, Lawrence Allison, Idaho
 A.B., University of Idaho
 Wallace, Victor Allison, Utah
 Warren, Thomas Lafayette, N. C.
 A.B., University of North Carolina
 Wells, Greek, Idaho
 B.S. in E.E., University of Idaho
 West, Ralph Eric, Calif.
 A.B., University of California
 *White, Maude Ellen, Ohio
 Whitney, Byrle Albert, Iowa
 A.B., University of Iowa
 Whitson, William Warren, D. C.

Wilkins, William John, Mich.
 Willey, Harold Brainerd, D. C.
 Wilson, Riley Joe, Jr., La.
 Winn, Robert Hilary, D. C.
 Woodall, John Oscar, Va.
 Woodruff, George Lynn, D. C.
 Graduate U. S. Naval Academy
 Young, Arthur Nichols, N. J.
 A.B., Occidental College; A.M. and
 Ph.D., Princeton University
 Youngman, Frederick Ewin, Wyo.
 A.B., George Washington University
 Yung-Kwai, Burnham, D. C.
 A.B., Yale College
 Zimmerman, Carl Dressler, Utah

THIRD YEAR

Adams, Quincy Dalton, Ark.
 A.B., University of Arkansas
 Akers, Richard Harold, Md.
 B.S., University of Virginia; B.C.S.,
 New York University
 Allen, Edgar Poe, Pa.
 Ames, Paul Russell, Calif.
 B.S. in Chem.E., California In-
 stitute of Technology
 Anderson, Roy Percy, Wis.
 B.S., University of Wisconsin
 Babcock, George Woodman, D. C.
 Rabbington, Thomas A., D. C.
 Barney, Ralph Andrew, Okla.
 Bartl, Forest Florian, Ind.
 †Bauman, Walter Michael, Nebr.
 Beale, Edward Belknap, D. C.
 C.E., Lehigh University
 *Beall, Thomas Emmert, D. C.
 Bender, Ernest Gustavus, Ind.
 *Bennett, James Van B., R. I.
 A.B., Brown University
 Berkowitz, Louis, Del.
 B.S. in Ch.E., University of Penn-
 sylvania
 Berryman, Wheeler Kirk, Ky.
 Birks, John Gouge, Ill.
 A.B., James Milliken University
 Blanton, Thomas Lindsay, Jr., Tex.
 B.S., Princeton University
 Bolin, John Wise, Ohio
 Bolton-Smith, Carlile, Tenn.
 Bonebrake, George Daniel, Ohio
 A.B., George Washington University
 Braden, Edward Fleming, Ill.
 A.B., University of Illinois
 *Brandenburg, Stanley Crook, Colo.
 Brinkley, Milo Hamilton, Calif.
 B.S.C.E., University of Missouri
 Brooks, Benjamin Joshua, D. C.
 *Brown, Francis Willis, D. C.
 A.B., George Washington University
 Bryant, Sarah Catherine, Ky.
 Buschman, Kenneth James, Minn.
 A.B., George Washington University
 Byington, Moses Brownlow, Tenn.
 Grad. U. S. Naval Academy
 Cannon, David Woodward, Utah
 A.B., University of Utah
 Carroll, Mitchell Benedict, D. C.
 A.B., Johns Hopkins University
 Cherry, Alfred Keller, Utah
 Chisholm, Theodore Livings, Md.
 B.E., Johns Hopkins University

Churbuck, Percy Forrest, Mass.
 Clark, Milford Harrison, D. C.
 Clegg, Hugh H., Miss.
 A.B., Millsaps College
 Clore, Edward, Ind.
 Cochrane, James Alexander, Jr., Pa.
 A.B., Swarthmore College
 Collier, Pearl Burruss Hensley, Va.
 Colvin, Paul Ariel, Va.
 Coon, Ernest Edwin, W. Va.
 Corbin, Bartley Hampton, Ala.
 Cozier, Allen Randall, Nebr.
 Crandall, Marie Frances, N. Y.
 *Darby, Roy Thomas, Iowa
 A.B., George Washington University
 Dart, Francis Clements, Ga.
 A.B., University of Georgia
 Daus, Edwin Oliver, Pa.
 B.S. and E.M., Michigan College of
 Mines
 Davis, James Cox, Jr., Iowa
 Davis, Marshall Dean, Ga.
 *DeFeo, John Donald, Conn.
 *DeNunzio, Frank, D. C.
 Dick, Robert William, Iowa
 *Dulles, Allen Welsh, N. Y.
 A.B. and A.M., Princeton Uni-
 versity
 Eaton, Paul Worthley, D. C.
 Ellsworth, German Smith, Utah
 Ely, Robert Burroughs, Va.
 A.B., Emory and Henry College
 Emerson, Lee Earl, Vt.
 A.B., Syracuse University
 Fallon, Pascal Donald, N. Y.
 Faulkner, Robert Nelson, Calif.
 Fisher, Clarence Milton, D. C.
 †Fowler, Ann Barron, D. C.
 Gardner, Allen Howard, Pa.
 *Gilbert, Joseph B., Pa.
 Gillespie, Rees Alexander, Mo.
 Gleichman, Walter Charles, Ind.
 Gordon, Howard Throop, Iowa
 Gray, William Howard, D. C.
 Greer, Frank Upton, D. C.
 Grubbs, Paul Douglas, D. C.
 Hagan, Jonathan Foster, Va.
 A.B., George Washington University
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 B.S. in M.E. and LL.B., George Washington University

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LL.B., George Washington University
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A.B., Harvard University
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The Fairchild Aerial Surveys, Inc., N. Y. C.

Air View of the Immediate Surroundings of the New Law School Building

The site of the new Law School building. The large building indicated by the arrow, is Corcoran Hall, the new Arts and Sciences building. The new law building is of similar design. 2. Interior Department. 3. State Department. 4. White House. 5. Treasury Department. 6. Washing-

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George Washington University
Bulletin

CATALOGUE NUMBER

JUNE, 1926

1926							1927													
JULY							JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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11	12	13	14	15	16	17	9	10	11	12	13	14	15	10	11	12	13	14	15	16
18	19	20	21	22	23	24	16	17	18	19	20	21	22	17	18	19	20	21	22	23
25	26	27	28	29	30	31	23	24	25	26	27	28	29	24	25	26	27	28	29	30
..	30	31	31
AUGUST							FEBRUARY							AUGUST						
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8	9	10	11	12	13	14	6	7	8	9	10	11	12	7	8	9	10	11	12	13
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29	30	31	27	28	28	29	30	31
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26	27	28	29	30	27	29	29	30	31	25	26	27	28	29	30	..
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OCTOBER							APRIL							OCTOBER						
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3	4	5	6	7	8	9	3	4	5	6	7	8	9	2	3	4	5	6	7	8
10	11	12	13	14	15	16	10	11	12	13	14	15	16	9	10	11	12	13	14	15
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24	25	26	27	28	29	30	24	25	26	27	28	29	30	23	24	25	26	27	28	29
31	30	31
NOVEMBER							MAY							NOVEMBER						
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7	8	9	10	11	12	13	8	9	10	11	12	13	14	6	7	8	9	10	11	12
14	15	16	17	18	19	20	15	16	17	18	19	20	21	13	14	15	16	17	18	19
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28	29	30	29	30	31	27	28	29	30
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5	6	7	8	9	10	11	5	6	7	8	9	10	11	4	5	6	7	8	9	10
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19	20	21	22	23	24	25	19	20	21	22	23	24	25	18	19	20	21	22	23	24
16	27	28	29	30	31	..	26	27	28	29	30	15	16	17	18	19	20	21
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UNIVERSITY CALENDAR

		1926	
February	1	<i>Monday</i>	Second half-year begins.
February	10	<i>Wednesday</i>	Meeting of the Board of Trustees.
February	16	<i>Tuesday</i>	Stated meeting of the Arts and Sciences Faculty.
February	22	<i>Monday</i>	Winter Convocation. A holiday in all departments of the University.
March	10	<i>Wednesday</i>	Meeting of the Board of Trustees.
April	14	<i>Wednesday</i>	Meeting of the Board of Trustees.
April	2 to 10	<i>Friday to Saturday, both inclusive</i> —Easter Holidays.	
April	13	<i>Tuesday</i>	Davis Prize Speaking.
April	19	<i>Monday</i>	Last day on which theses of candidates for the Doctorate degree at the Commencement may be presented.
April	20	<i>Tuesday</i>	Stated meeting of the Arts and Sciences Faculty.
May	12	<i>Wednesday</i>	Meeting of the Board of Trustees.
May	17	<i>Monday</i>	Last day on which theses of candidates for the Engineering and Master's degrees at the Commencement may be presented.
May	26	<i>Wednesday</i>	Final examinations, Department of Arts and Sciences, begin.
June	2	<i>Wednesday</i>	Annual meeting of the Board of Trustees.
June	6	<i>Sunday</i>	Baccalaureate Sermon.
June	9	<i>Wednesday</i>	Commencement.
June	11 to 16	Registration for Summer School.	
June	14	<i>Monday</i>	Instruction begins in the three-credit courses coming at seven forty-five a. m., and in all afternoon classes in the Department of Arts and Sciences and in all classes in the summer session of the Law School.
July	6	<i>Tuesday</i>	Instruction begins in the two-credit courses coming in the forenoon in the Department of Arts and Sciences.
September	18 to 27	<i>Saturday to Monday</i> —Registration period for the session 1926-27. Students permitted to register later will be charged a late registration fee of five dollars.	
September	27	<i>Monday</i>	Academic year, 1926-27, begins in all departments of the University.
October	12	<i>Tuesday</i>	Stated meeting of the Arts and Sciences Faculty.
October	13	<i>Wednesday</i>	Meeting of the Board of Trustees.
November	10	<i>Wednesday</i>	Meeting of the Board of Trustees.
November	25	<i>Thursday</i>	Thanksgiving Day. A holiday in all departments of the University.
December	8	<i>Wednesday</i>	Meeting of the Board of Trustees.
December	14	<i>Tuesday</i>	Stated meeting of the Arts and Sciences Faculty.
RECESS FROM DECEMBER 24, 1926, TO JANUARY 2, 1927, BOTH INCLUSIVE			
January	1927 10	<i>Monday</i>	Last day on which theses of candidates for the Doctorate degree at the Winter Convocation may be presented.
January	12	<i>Wednesday</i>	Meeting of the Board of Trustees.

January	24	<i>Monday</i> —Mid-Year examinations, Department of Arts and Sciences, begin.
January	22-31	<i>Saturday to Monday</i> .—Registration period for the second semester. Students permitted to register later will be charged a late registration fee of five dollars.
January	31	<i>Monday</i> —Second half-year begins.
February	8	<i>Tuesday</i> —Stated meeting of the Arts and Sciences Faculty.
February	9	<i>Wednesday</i> —Meeting of the Board of Trustees.
February	22	<i>Tuesday</i> —Winter Convocation. A holiday in all departments of the University.
March	9	<i>Wednesday</i> —Meeting of the Board of Trustees.
April	12	<i>Tuesday</i> —Stated meeting of the Arts and Sciences Faculty.
April	13	<i>Wednesday</i> —Meeting of the Board of Trustees.
April	18-23	<i>Monday to Saturday, both inclusive</i> —Easter Holidays.
April	18	<i>Monday</i> —Last day on which theses of candidates for the Doctorate degree at Commencement may be presented.
April	26	<i>Tuesday</i> —Davis Prize Speaking.
May	11	<i>Wednesday</i> —Meeting of the Board of Trustees.
May	16	<i>Monday</i> —Last day on which theses of candidates for the Engineering and Master's degrees may be presented.
May	25	<i>Wednesday</i> —Final examinations, Department of Arts and Sciences, begin.
May	30	<i>Monday—Decoration Day</i> —A holiday in all departments of the University.
June	1	<i>Wednesday</i> —Annual meeting of the Board of Trustees.
June	5	<i>Sunday</i> —Baccalaureate Sermon.
June	8	<i>Wednesday</i> —Commencement.
June	17-22	Registration for the Summer School.
June	20	<i>Monday</i> —Summer School begins.

THE BOARD OF TRUSTEES

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1927

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HISTORY AND PRESENT ORGANIZATION

HISTORY

The George Washington University is the successor of the Columbian College in the District of Columbia which was chartered by an act of Congress approved February 9, 1821. In 1873 the name was changed to Columbian University and in 1904 to The George Washington University.

The first commencement of Columbian College was held on the 15th of December, 1824, with the President of the United States; the Honorable John Quincy Adams, Secretary of State; the Honorable John C. Calhoun, Secretary of War; the Honorable Henry Clay, Speaker of the House of Representatives, and General Lafayette among those present.

Work in the College was confined to the Arts and Sciences until March, 1825, when the Medical Department was established under the conduct of Dr. Thomas Sewall. The Medical Department is thus in the chronological order of establishment the eleventh medical school in the United States. In 1826 the Law Department was founded with the Honorable William T. Carroll and Mr. Justice Cranch as its professors. Shortly afterward the school was discontinued, but was reopened in 1865. A Theological School founded also in 1826 was soon moved to Newton, Mass., where it now flourishes. On October 1, 1884, the Corcoran Scientific School, now the College of Engineering, was founded. The School of Graduate Studies was organized in 1893. Teachers College was started as The Division of Education in 1907. In 1919, the National College of Pharmacy, organized in 1905 as an affiliated college of the University and suspending during the last year of the war, was reopened as the School of Pharmacy, a division of the Department of Medicine and Pharmacy.

EDUCATIONAL ORGANIZATION

Department of Arts and Sciences:

- School of Graduate Studies
- Columbian College
- College of Engineering
- Teachers College
- Summer School

Department of Medicine and Pharmacy:

- The Medical School
- The School of Pharmacy
- Nurses School

Department of Law

ANNUAL COMMENCEMENT

The opening day of the session is Monday, September 27, 1926.

The Annual Commencement is held on June 8, 1927.

The second semester begins on Monday, January 31, 1927.

The Winter Convocation is held on February 22.

UNIVERSITY ASSEMBLIES

The University Assemblies will be held from time to time. The attendance of students may be required.

THE UNIVERSITY LIBRARY

The University Library comprises the Library of the Department of Arts and Sciences, the Law Library, and the Medical Library. It contains 65,000 volumes.

In addition to its general collection the Library of the Department of Arts and Sciences contains the Library of the late Professor Richard Heinzel, of the University of Vienna, containing 7,200 books and pamphlets in Germanic philology and literature, and cognate branches; the library of the late Professor Curt Wachsmuth, of the University of Leipzig, containing 7,900 books and pamphlets in Greek and Roman literature, archaeology and history; the Mount Vernon Alcove, containing 4,000 volumes in political history, international law, and the social sciences. Besides, the library of the American Institute of Architects, consisting of 1,063 volumes and portfolios of plates and drawings, is deposited in the reading room of the Architecture Building as a loan collection, where it is accessible, also, to all local architects. The library is open from 9 a. m. to 10:30 p. m.

The Law Library, containing more than 10,000 volumes, is open from 8:30 a. m. to 10 p. m.

The Medical Library, containing more than 2,000 volumes, is open from 9 a. m. to 4 p. m.

PRIVILEGES IN GOVERNMENTAL INSTITUTIONS OPEN TO UNIVERSITY STUDENTS

In order to promote research and the diffusion of knowledge, the Congress of the United States has made the scientific resources of the Government accessible to students under the terms of the following joint resolution, approved April 12, 1892:

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the facilities for research and illustration in the following and any other governmental collections now existing or hereafter to be established in the city of Washington for the promotion of knowledge shall be accessible, under such rules and restrictions as the officers in charge of each collection may prescribe, subject to such authority as is now or may hereafter

be permitted by law, to the scientific investigators and to students of any institution of higher education now incorporated or hereafter to be incorporated under the laws of Congress or of the District of Columbia, to wit:

1. Of the Library of Congress.
2. Of the National Museum.
3. Of the Patent Office.
4. Of the Bureau of Education.
5. Of the Bureau of Ethnology.
6. Of the Army Medical Museum.
7. Of the Department of Agriculture.
8. Of the Fish Commission.
9. Of the Botanic Gardens.
10. Of the Coast and Geodetic Survey.
11. Of the Geological Survey.
12. Of the Naval Observatory.

STUDENT ACTIVITIES

Student Activities are supported from the University Fee of eight dollars charged all students in the University and collectible like other fees by the Treasurer. Control and direction of all student activities are vested in a Faculty Committee of Student Activities, which in turn is subject to the supervision and control of the President's Council.

Delta Tau Delta Activity Award.—The Gamma Eta Chapter of the Delta Tau Delta Fraternity awards each year to "that member of the senior class who throughout his course at George Washington University has done the most constructive work in the furtherance and upbuilding of the University Student Activities" a gold medal.

Pi Beta Phi Medal.—This medal is awarded annually by Columbia Alpha Chapter of Pi Beta Phi Fraternity to that woman member of the Senior Class who throughout her college course has done the most constructive work in the promotion of Student Activities among the women of the University.

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HOWARD A. JONES, B.S. in Ch.Eng.....	Assistant in Chemistry
NORMAN L. KNIGHT, B.S. in Ch.Eng.....	Assistant in Chemistry
HAROLD H. DUTTON, B.S. in C.E.....	Assistant in Engineering
AGNES C. EWELL, A.B.....	Assistant in Zoology
GORDON M. KLINE, A.B.....	Assistant in Chemistry

STUDENT ASSISTANTS

Botany: MARGARET E. MAIZE, HELEN F. ROBB, MARGARET M. SWAIN.

Chemistry: MARION S. ALLEY, L. S. CAMPBELL, MRS. CORINNE DE BARYSHE, A. G. EVANS, FRED C. FARRELL, SUSAN ISH HARRISON, ARTHUR E. KIMBERLY, ORVILLE MAY, SOLOMON REZNEK, MARCELLUS C. SIMONS, JAMES W. STEWART, E. A. SWEDENBORG, J. P. WETHERILL.

Commerce: A. I. HASSKARL.

Economics: LOUISE BANNERMAN.

English: HOWARD M. BAGGETT, MARY CHASE, FANNIE DODEK, ELIZABETH DORSEY, MARTHA EDMONSTON, C. E. FIERSTONE, HELEN GREGG, CYRUS HOAGLAND, KATHERINE KEEP, MARY LOUISE LEMON, PAULINE LONG, J. D. MELINKY, ROBERT MORROW, MRS. GRACE PURSE, VIVIAN ROBB, MAXINE ROLLE, MARGUERITE SMITH, ELSIE SNELLING, VINCENT G. STUBBS.

French: MARJORIE BECK.

History: STANLEY CLARK, IRVIN McCLELLAN, JOSEPH O'CONNOR, MARTHA POOLE, ARCHIBALD L. RUSSELL.

Home Economics: EDNA KILPATRICK.

Library: MARIAN BATES, HENRIETTA BOWEN, GRACE BROWN, OMAR JESSE BROWN, ELEANOR M. CHANDLER, ROBERTA CHAPMAN, MARY E. CHISHOLM, MRS. INDA PAYNE CLARKE, HELEN DIX, RAPHELLA SCHWARZ, ELEANOR SPIELMAN, ROSE VICKERS.

Library Science: MRS. MIRIAM UHLER CHISHOLM, AMELIA BYRD DEANE, BELKNAP SEVERANCE.

Mechanical Drawing: ADRIAN F. BUSICK, JR.

Physics: JUNE COOPER, FREDERIC W. FARRAR.

Political Science: GARTH H. KELLEY, JAMES L. MARTIN.

Statistics: MRS. MYRTLE B. FOOTE.

Surveying: JOSEPH L. KELLY.

SCHOOL OF GRADUATE STUDIES

GRADUATE COUNCIL

DEAN GEORGE N. HENNING, Chairman ex-officio.

PROFESSORS H. C. McNEIL and JOHN DONALDSON, terms expiring in 1927.

PROFESSORS S. F. BEMIS and J. T. ERWIN, terms expiring in 1928.

PROFESSORS H. G. DOYLE and N. I. CRANDALL, terms expiring in 1929.

The Graduate Council has power to pass on students' petitions, to approve provisionally students' choice of studies for the degree of Ph.D., and such other powers as the Faculty of Graduate Studies may delegate.

HIGHER DEGREES

The higher degrees conferred in course by the University in the School of Graduate Studies are: Master of Arts (A.M.), Master of Science in Engineering (M.S. in Eng.), Master of Science in Chemistry (M.S. in Chem.), Master of Architecture (M.Arch.), and Doctor of Philosophy (Ph.D.).

ADMISSION

Candidates for admission to courses for higher degrees must make application to the Dean of the School of Graduate Studies or to the Registrar on application blanks, which may be obtained at either office. Candidates must present certificates of the degrees they hold from the institutions conferring such degrees. Until such certificates are presented, registration is merely provisional. Candidates requesting advanced standing must present detailed certificates of the work for which they ask credit.

To be admitted to candidacy for the Master's degree a student must have completed an undergraduate course of study such as is required by colleges of good standing antecedent to the baccalaureate degree. The Faculty of Graduate Studies reserves the right to decide in all cases whether the antecedent training fulfills the requirements. Moreover, the course of study pursued must have been such as to qualify the candidates for pursuing the subjects chosen for the Master's or other higher degree sought.

Properly qualified students may be admitted as Students in Attendance, without becoming candidates for degrees.

CHANGE OF COURSE AND WITHDRAWAL

A student desiring to change any course must secure the permission of the Dean. In case of withdrawal from the School, students should send prompt notice to the Dean or the Registrar, and are liable for tuition charges until such notice is received. Notification to a pro-

fessor of withdrawal from his course, does not constitute notice of withdrawal.

DEGREES OF MASTER OF ARTS AND MASTER OF SCIENCE

Candidates to attain the degree of A.M., M.S. in Eng., M.S. in Chem. or M.Arch., must complete successfully twenty-four semester hours of work, in addition to the thesis, forming a consistent plan of study. Courses may be elected from one, two or three departments. At least twelve semester hours, plus the thesis, must be in a major subject. At least twelve semester hours must be taken in the School of Graduate Studies, irrespective of the amount transferred from college or from other institutions. The minimum amount in any one subject that will be counted towards the Master's degree is four semester hours. The candidate's choice of subjects must be approved by his major department and by the Dean. Whenever possible, it is advisable for students to consult members of the major department before registering.

First Section courses, "Primarily for Undergraduates," may under no circumstances be counted towards any higher degree, though a graduate student may be allowed or if necessary as a prerequisite for advanced courses may be required to take them without receiving academic credit. Second Section courses, "For Undergraduates and Graduates," may count towards a higher degree only with the previous approval of the department concerned. Candidates must take at least one Third Section course, "Primarily for Graduates," unless excused by the major department.

Advanced courses taken in the Senior year of college may be counted to the extent of not over twelve semester hours towards a higher degree, provided that the student shall notify the Dean of the School of Graduate Studies at the beginning of each such course of his desire to count it towards such higher degree; but no work counted towards a Bachelor's degree shall be counted also towards a higher degree.

Part of the work for the Master's degree may be taken in the Medical School or the Law School, but work so taken cannot be counted both towards the Master's degree and a degree in Medicine or Law. A candidate for the Master's degree may take not more than twelve semester hours in the Medical School or Law School, but the major subject must be taken under a member of the faculty of Arts and Sciences.

Advanced work in other institutions of learning may be credited towards the Master's degree in this University, to the extent of not more than twelve semester hours. No work, whether done here or elsewhere, will be credited towards a Master's degree unless the stu-

dent attains at least grade "B" or its equivalent in work aggregating at least twelve semester hours and at least grade "C" on the remainder.

A student who expects to continue his studies for the Ph.D. after receiving the Master's degree is strongly advised so to plan his course from the beginning that work done for the lower degree may count for the higher.

A candidate who takes his major work in Engineering shall register for the degree of M.S. in Eng.; in Chemistry, for the degree of M.S. in Chem.; in Architecture, for the degree of M.Arch.; in any other subject, for the degree of A.M.

A candidate for a Master's degree must pass in residence and study at this University at least two semesters, or one semester and one summer session of nine weeks, or three summer sessions of nine weeks each, or four summer sessions of six weeks each. No credit shall be granted for work done in absentia, *i. e.*, without formal instruction here or at some other institution of learning, except for the thesis, which may be completed in absentia with the permission of the department concerned.

Part-time students shall not be allowed to take over eighteen semester hours in a year (as defined above), or nine semester hours in a semester. No student shall take courses aggregating more than nine semester hours in one summer session, nor more than six if a part-time student.

A candidate for a Master's degree must present a thesis in his major subject. The thesis, which counts six semester hours towards the degree and is charged for at the same rate as courses, must be registered for by the candidate, preferably at the time of original registration. The choice of the thesis-subject must be approved by the professor in charge of the major, and recorded at the Registrar's office at least four months before the date on which the thesis is due. The student is expected to consult the professor in charge frequently in regard to the progress of work on the thesis. The thesis in its final form must have the approval of the professor in order to count towards the degree. Attention is also called to "Regulations Regarding Theses," below.

DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is conferred only upon students who have acquired a broad and thorough knowledge of their field of learning, as evidenced by courses followed or other formal instruction received, and who have shown marked ability in original research in some particular branch of that field, as proved by the results set forth in their theses. Formal requirements of courses and residence, although essential, are wholly subordinate to the above principle. In

courses in which grades are assigned, whether followed here or elsewhere, the student must attain at least grade "B," or its equivalent, on one-half of his work and at least "C," or its equivalent, on the remainder.

ADMISSION TO REGISTRATION

Before the student can be admitted to registration for this degree he must give evidence that he has completed a liberal undergraduate course of academic study such as is required by colleges of good standing antecedent to the baccalaureate degree, and of such a character as to fit him to pursue to advantage researches in the field chosen for his graduate work. The Faculty of Graduate Studies reserves the right to decide in all cases whether the antecedent training fulfills the requirements. Admission to registration does not necessarily imply admission to candidacy for the Ph.D.

ADMISSION TO CANDIDACY

To be admitted to candidacy for the degree, the student must make application to the Dean on a blank provided for that purpose, not less than twelve months after receiving his Bachelor's degree. To be admitted to candidacy, the student must have fulfilled the following requirements not later than November 1 if he expects to graduate the following June, and not later than May 1 if he expects to graduate the following February: (a) Have satisfied the Departments of French and German that he can read understandingly, in the original, French and German works pertaining to his special field, and have satisfied such other language requirements as his major department shall have prescribed; (b) have passed his preliminary examination before members of his division; (c) have selected his thesis-subject and received the approval of the subject by the major department.

RESIDENCE

Before receiving the degree of Doctor of Philosophy, the candidate shall have spent at least three years, since receiving his baccalaureate degree, in graduate study in recognized institutions of learning. A part-time student shall be required to devote a proportionately longer time, the amount of additional time to be determined by the student's committee. In part satisfaction of residence requirements, the candidate, in addition to his research work, must follow regular courses, to an amount prescribed by his committee. The candidate may be credited with work done at other approved institutions, but must spend at least his last year at this institution.

CHOICE OF STUDIES

Students must in general confine choice of studies to one of the divisions enumerated below. At the option of the Graduate Council, all courses may be in one department, or some in other departments of the same division, or some in one other division.

DIVISIONS

- I. Languages and Literatures:
 - Classics, English,
 - Germanic, Romance, Semitic,
 - Comparative Literature.
- II. History and the Social Sciences:
 - Commerce, Economics and
 - Sociology, Education,
 - Ethnology, History, Law,
 - Political Science.
- III. Philosophy and Art:
 - Architecture, Art and
 - Archaeology, Education,
 - Philosophy, Psychology.
- IV. Mathematics and Physical Sciences:
 - Applied Mathematics, Architecture,
 - Astronomy, Astro-Physics,
 - Chemistry, Engineering (Chemical, Civil,
 - Electrical and Mechanical),
 - Mathematics, Meteorology,
 - Nautical Science, Physics.
- V. Biological Sciences:
 - Bacteriology, Botany, Ethnology,
 - Geology and Mineralogy, Medicine, Psychology,
 - Zoology.

GUIDANCE OF STUDENTS

In the pursuit of studies the student shall be under the guidance of a committee consisting of the professors of the major department and any other professor under whom he shall take work counting towards his degree. This committee shall have power to determine what work he shall complete, in regular courses or otherwise, to approve his choice of a thesis-subject, to conduct all examinations, and to determine whether he shall be recommended for the degree.

EXAMINATIONS

Before being admitted to candidacy the student (as provided above) shall pass a preliminary oral examination before representative pro-

fessors of his division. Before being recommended for the degree, he shall pass a written examination, conducted by his committee, not later than one month before Commencement, on the general field of his major subject. If successful in this, he shall be given an oral examination, conducted by members of his division, on his thesis and any subjects bearing on his work. The questions and answers to the written examination, together with the decision of the examiners, shall be sent to the Dean not later than ten days before Commencement and shall form part of the student's file.

DOCTORAL THESES

Not later than the date specified in the University calendar, the candidate for the degree of Ph.D. shall submit a typewritten copy of his thesis and also a typewritten summary of not more than 2,500 words of the thesis. The summaries of accepted theses will be printed in a volume forming a number of the University Bulletin. After being notified that his thesis has been accepted, and before receiving his degree, the candidate shall pay to the Treasurer \$25.00 to meet the cost of printing.

Students who have received the degree of Ph.D. are urged to print their theses in full if possible.

GRADUATION

The degree of Ph.D. will be conferred only in June and in February.

REGULATIONS REGARDING MASTERS' AND DOCTORS' THESES

All theses for each degree sought must, in their final form, be presented by the student to the Dean by the dates announced in the University Calendar. They must previously have been typewritten on official thesis paper, which may be obtained from the Treasurer of the University. The title-page must read: [Title] by [name of candidate], a thesis submitted to the Faculty of Graduate Studies of George Washington University in part satisfaction of the requirements for the degree of [name of degree]. [Date.] The typewritten thesis must be bound in cloth or leather.

The Dean will present theses to the chairman of the committees on the candidates. Accepted theses, with their accompanying drawings, are the property of the University, and will be deposited in the University Library, but the authors of them are permitted to make copies.

SCHOLARSHIPS

In special cases certain of the scholarships listed on pages 31-32 may be assigned to graduate students.

THE COLLEGES

The College session of 1926-27 begins Monday, September 27, 1926. The Colleges are open to men and women.

ADMISSION

Every applicant for admission is required to present a certificate of standing and regular dismissal from the school or college which he has last attended.

Candidates for admission to the Freshman Class may present certificates of admission or take an examination in the entrance subjects. Certificates will be accepted only from accredited schools and must give in detail the grades obtained by the student, must specify the passing grade and the certifying grade, and must contain definite recommendations from the Principal in regard to admission to college. The Registrar will, on application, furnish certificate blanks to the principals of such accredited schools.

The certificates of the College Entrance Examination Board will be accepted.

Certificates from unaccredited secondary schools will not be accepted, and applicants presenting such certificates will be admitted only on passing entrance examinations.

The requirement for admission is a four-year high-school course, or its equivalent, amounting to fifteen "units." For prescribed studies see the specifications of each college.

A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work.

SCHOLARSHIP REQUIREMENTS

1. Students who fail in one-half or more of their work shall be dropped.
2. Students who in any term (a) fail in one-third of their work, or (b) do not make at least "C" in two-thirds of their work and fail in one or more courses; or (c) students who fail to make at least "C" in two-thirds of their work in two successive semesters, shall be put on probation.
3. A student put on probation at the end of the first semester shall discontinue all courses in which he has failed, nor shall he be permitted to take over fifteen hours if he is a full-time student; nor more than nine hours if he is a part-time student. While on probation he shall not represent the University on its athletic teams or in other intercollegiate activities, nor shall he serve as an officer or member of a committee in any class or student organization. A student on probation shall have his probation removed at the end of one semester

if he passes all courses, with the grade of at least "C" in two-thirds of them. A student in group (c), rule 2, shall be dropped at the end of one semester if he fails to pass all courses, with the grade of at least "C" in two-thirds of them. A student in group (a) or (b), rule 2, shall be continued on probation after one semester if he passes all work, but fails to make the grade "C" or better in at least two-thirds of his work, and shall be dropped at the end of the second semester of his probation if he does not pass all courses with the grade of at least "C" in two-thirds of them.

4. A student who has been dropped may reenter the Department of Arts and Sciences after an interval of one semester. A student who has been dropped twice in accordance with these provisions may not reenter.

5. Except in case of withdrawal from the University, no student shall be permitted to drop a course during the last month of a semester.

PHYSICAL EDUCATION REQUIREMENTS

All freshmen students taking their work before the late afternoon hours are required to take three periods a week in Physical Education, two periods a week in the gymnasium and one lecture period in hygiene. Appointments for physical examinations will be made at the time of registration.

ENTRANCE EXAMINATIONS

The regular examinations for admission are held about May 22, and the schedule for examinations is issued May 15. Examinations will also be given in the fall at dates to be announced.

Unless admitted by certificate, every undergraduate candidate for a degree is required to pass an examination.

Candidates from the Washington high schools for the Kendall and the University Scholarships will be examined on nine units. These units upon which the examinations will be given are the following: the specified subjects—English (three units), Elementary Algebra (one unit), Plane Geometry (one unit), and one other language (two units); the remaining two units will be in language, history, mathematics, physics, chemistry, biology—as the candidate shall elect. The remainder of the fifteen units must be certified from the high schools.

Definition of Requirements

ENGLISH

(Three Units)

The requirement in English is that recommended by the National Conference on Uniform Entrance Requirements in English. This prescribes habits of correct, clear and truthful expression calling for

a carefully graded course in oral and written composition, and for instruction in practical essentials of grammar. It requires also ability to read with intelligence and appreciation works of moderate difficulty, and familiarity with a few masterpieces, calling for a carefully graded course in literature.

The entrance examination will be comprehensive, testing the ability of the candidate to define clearly in writing ideas gained from books and from the life around him, and to read with accuracy and appreciation literature of varied subject matter and form. Accuracy in the technique of writing will be insisted upon.

This examination is in general like the Comprehensive Examination in English of the College Entrance Examination Board.

LATIN

Elementary (two units)

a. I. Latin Grammar: The inflections; the simpler rules for composition and derivation of words; syntax of cases and the verb; structure of sentences in general, with particular regard to relative and conditional sentences, indirect discourse, and the subjunctive.

II. Latin Prose Composition: Translation into Latin of detached sentences and easy continuous prose based on Cæsar.

b. Cæsar: Any four books of the Gallic War, preferably the first four.

Advanced (two units)

a. Cicero: Any six orations from the following list, but preferably the first six mentioned. The four orations against Cataline, Archias, the Manilian Law, Marcellus, Rosius, Milo, Sestius, Ligarius, the Fourteenth Philippic.

b. Virgil: The first six books of *Æneid*.

c. Advanced Prose Composition, consisting of continuous prose of moderate difficulty based on Cicero.

d. Sight Translation, based on prose of no greater difficulty than the easier portions of Cicero's orations.

GREEK

Elementary (two units)

a. I. Greek Grammar: The topics of the examination in Greek grammar are similar to those detailed under Latin grammar.

II. Greek Prose Composition, consisting principally of detached sentences to test the candidate's knowledge of grammatical constructions. The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

b. Xenophon: the first four books of the *Anabasis*.

Advanced (one unit)

a. Homer: The first three books of the Iliad (omitting II, 494, to end).

b. Sight Translation, based on prose of no greater difficulty than Xenophon's Anabasis.

FRENCH

Elementary (two units)

Candidates in Elementary French must have a good knowledge of the essential parts of grammar, with stress on pronouns and on regular verbs and the common irregular verbs. They must know the principles of pronunciation; must be able to translate simple English sentences or easy connected prose into French, and to translate accurately ordinary modern French prose. Candidates must have translated not less than 450 duo-decimo pages by at least four different authors, of which amount at least one-third must be history. Candidates must have had a two years' course of five periods per week.

Advanced (two units)

Candidates in advanced French must have partly translated, partly read, in addition to the requirements for Elementary French, at least 1,000 pages of difficult French of several different authors, including history, fiction, drama, and poetry. Candidates must have had a four years' course of five periods per week.

Fraser and Squair's French Grammar or Grandgent's Essentials of French Grammar is recommended.

SPANISH

(Two units)

Candidates in Spanish must have a good knowledge of grammar, including syntax, with stress on pronouns and verbs, regular and irregular. They must know the principles of pronunciation. They must be able to translate simple English sentences or easy connected prose into Spanish, and to translate accurately fairly difficult modern Spanish prose and verse. Candidates must have translated not less than 500 pages by at least four different authors, of which amount at least one-fourth must be history or drama. Candidates must have had a two years' course of five periods per week.

GERMAN

Elementary (two units)

Candidates in Elementary German must have had a two years' course of five periods a week. They must be able to read fluently at sight and to translate easy narrative prose and poetry. An accurate

knowledge of the elements of German grammar and the ability to translate simple prose into German are requisite. About 300 pages of graduated narrative prose, one short play, and such poetry as is usually found in a First Reader will be considered an adequate preparation.

Advanced (two units)

Candidates in Advanced German must have had a four years' course of five periods a week. They should be well trained in the syntactical laws of the language, have read about 800 pages of good literature in prose, preferably such prose works as are given in the Report of the Committee of Twelve of the Modern Language Association, and poetry, especially dramas by Lessing, Schiller and Goethe, and studied an elementary history of German literature. German composition should comprise a number of short themes upon assigned historical or literary topics, lives of the authors read, etc.

HISTORY

In this subject special importance is attached to preparation in geography.

Ancient History (one unit)

a. Greek History.

b. Roman History.

Mediaeval European History (one unit)

Modern European History (one unit)

English History (one unit)

American History with the Elements of Civil Government (one unit)

MATHEMATICS

Elementary Algebra (one unit)

Algebra to Quadratics: The four fundamental operations for rational algebraic expressions, factoring, highest common factor, lowest common multiple, complex fractions, the solution of equations of the first degree containing one or more unknown quantities, radicals, including the extraction of the square root of polynomials and numbers, and fractional and negative exponents.

Intermediate Algebra (one-half unit)

Quadratics, etc.: Quadratic equations and equations containing one or more unknown quantities that can be solved by the methods of quadratic equations, problems depending upon such equations, ratio and proportion, and the binomial theorem for positive integral exponents.

Advanced Algebra (one-half unit)

The progressions; the elementary treatment of permutations and combinations; the use of four and five-place tables of logarithms; undetermined coefficients; the elementary treatment of infinite series, the binomial theorem for fractional and negative exponents; the elementary treatment of the theory of equations.

Plane Geometry (one unit)

General text propositions, including the solution of simple original exercises and numerical problems.

Solid Geometry (one-half unit)

Properties of straight lines and planes, of dihedral and polyhedral angles, of projections, of polyhedrons, including prisms, pyramids, and the regular solids; of cylinders, cones, and spheres; of spherical triangles and the measurement of surfaces and solids.

Plane Trigonometry (one-half unit)

The definitions and relations of the six trigonometrical functions as ratios, proof of important formulas, theory of logarithms and use of tables, solution of right and oblique plane triangles.

PHYSICS*(One unit)*

It is recommended that the candidate's preparation should include:

a. Individual laboratory work, comprising at least thirty-five exercises well distributed over the subjects of physics.

b. Instruction by lecture-table demonstrations.

c. The study of at least one standard text-book, supplemented by the use of many and varied numerical problems. The metric system should be familiar to the student.

CHEMISTRY*(One unit)*

The candidate's preparation in chemistry should include:

a. Individual laboratory work, comprising at least forty experiments. The laboratory note-book should be submitted for inspection.

b. Instruction by lecture-table demonstrations.

c. The study of at least one modern text-book.

Requirements.—The ground to be covered and the character of the work should be analogous to that required by the College Entrance Examination Board.

ADDITIONAL SUBJECTS

Certificates will be accepted in botany, zoology, physiology, physiography, political economy, drawing, music, and other accredited subjects in secondary schools.

Manual-Training High School Subjects

Technical subjects in manual-training high schools, or schools of similar grade, when duly certified, will be credited as follows:

Shopwork (not exceeding two units), domestic science and domestic art (not exceeding two units).

Business High School Subjects

Commercial subjects in business high schools or schools of similar grade, when duly certified, will be credited to the extent of four units.

ADMISSION TO ADVANCED STANDING

Due credit is given for properly certified courses of study pursued in other colleges and universities.

SPECIAL STUDENTS

All the courses of instruction are open to students of suitable age and attainments who wish, without reference to any degree, to pursue special studies. Candidates must submit credentials showing that they are familiar with the subjects preliminary to the studies which they wish to pursue.

SCHOLARSHIPS AND PRIZES

Applications for scholarships should be filed with the Dean of the College in which the student is to register not later than September 15. All scholarships except the Kendall Scholarship, the Elma Lewis Harvey Scholarship, and the University Scholarships are awarded for one year only, but they may be renewed. Any student holding a scholarship who fails to obtain a general average of 85 per cent on the work of any term, or whose deportment is unsatisfactory, will be reported to the President's Council, and in the absence of extenuating circumstances the scholarships will be revoked.

SCHOLARSHIPS FOR COMPETITION

The University offers the following scholarships to be awarded on competitive examination given at the time of the May entrance examinations. Holders of these scholarships are expected to pursue a regular course in one of the colleges of the Department of Arts and Sciences. No scholarship is awarded to a candidate whose examination average is below 80 per cent.

Kendall Scholarship.—The Kendall Scholarship, founded by the late Hon. Amos Kendall, is annually conferred on that member of the graduating class of any of the Washington high schools who attains the highest average in the entrance examinations. This scholarship continues throughout the undergraduate course, and the student hold-

ing it is exempt from tuition fees but pays the registration, university, laboratory and graduation fees.

University Scholarships.—The University offers also six scholarships, to be awarded annually to members of the graduating classes of any of the Washington high schools. These scholarships continue throughout the undergraduate course, and students holding them are exempt from tuition fees but pay the registration, university, laboratory and graduation fees.

Alexandria High School Scholarship.—The University offers each year a scholarship to a member of the graduating class of the Alexandria, Va., High School. The award of the scholarship is made by the officers of the school. This scholarship continues for one year, and the student holding it is exempt from tuition fees, but pays the registration, university and laboratory fees.

SCHOLARSHIPS FOR ASSIGNMENTS

Davis Scholarship.—This is the income of a fund of one thousand dollars given to the University in October, 1869, by Hon. Isaac Davis, of Massachusetts.

Mary Lowell Stone Scholarship.—This scholarship was founded by a woman in memory of a woman student of science. It consists of a fund of two thousand dollars, the income from which is to be paid to needy women students of science in the University.

Maria M. Carter Scholarship.—This is the income of a fund of one thousand dollars given to the University in 1871 by Mrs. Maria M. Carter.

Farnham Scholarship.—This is the income of a fund of one thousand dollars given to the University in 1871 by Mrs. Robert Farnham.

Withington Scholarship.—This scholarship was founded in 1830 by the New York Baptist Theological Seminary, to be known as the Withington Scholarship. It has annual stipend in tuition fees of sixty dollars.

Walker Scholarship.—This scholarship was founded in 1824 by William Walker, Esq., of Putnam County, Georgia. It carries an annual stipend of one hundred dollars in tuition fees available for an undergraduate intending to enter the Christian ministry.

Morehouse Scholarship.—This scholarship was founded by Mr. A. Morehouse, of Washington, D. C., in 1861. It carries an annual stipend of sixty dollars in tuition fees available for an undergraduate intending to enter the Christian ministry.

Nellie Maynard Knapp Scholarship Fund.—A fund of five thousand dollars established in 1915 by the Columbian Women in memory of its president, Mrs. Martin A. Knapp, to provide scholarships for women. Application may be made to any of the Deans in the Depart-

ment of Arts and Sciences. The award is made by the scholarship committee of the Columbian Women.

Henry Harding Carter Scholarships.—These scholarships, founded by Mrs. Maria M. Carter in memory of her husband, Henry Harding Carter, consists of four scholarships of the annual value of fifty dollars each, and may be awarded to deserving students who are preparing for the civil engineering profession.

The Byron Andrews Scholarship Fund.—A fund founded by Mrs. Belle Fisk Andrews in memory of her husband, the late Byron Andrews, to provide scholarships "For ambitious and needy students, who desire to pursue courses in English, Latin, Journalism, History, Literature or Political Science."

Founders of Columbian Women Scholarships.—This scholarship was established by the Columbian Women in 1920. It consists of a fund of five thousand dollars, the income from which may be assigned to a deserving woman student. Application may be made to any of the Deans of the Department of Arts and Sciences. The award is made by the scholarship committee of the Columbian Women.

Third Columbian Women Scholarship.—This scholarship was founded by the Columbian Women in 1925. At present it consists of a fund of \$770, the income from which may be assigned to a deserving woman student. Application may be made to any of the Deans in the Department of Arts and Sciences. The award is made by the scholarship committee of the Columbian Women.

Elizabeth V. Brown Scholarship.—This scholarship was founded by friends in memory of the late Elizabeth V. Brown. The scholarship is available for a woman student in Teachers College, and consists of the income on \$1,200. It is administered by the Columbian Women. Application may be made to the Columbian Women through the Dean of Teachers College.

Woodhull Scholarship.—This scholarship was founded by the late Ellen M. E. Woodhull and consists of six hundred dollars, the income from which may be assigned to a deserving student.

The Elma Lewis Harvey Scholarship.—This scholarship was founded in 1921 by Mrs. Emma Elizabeth Harvey, in memory of her daughter, and is to be awarded every four years, or as often as vacant, to a young woman of the Protestant faith and of the Caucasian race who shall be selected for scholarship and moral qualifications.

The John Hitz Metzgerott Scholarship.—This scholarship was established in 1923 in memory of John Hitz Metzgerott, M.D. '91, by members of his family, and is to be awarded every six years, or as often as vacant, to a young man preparing to enter the medical profession.

The David Spencer Scholarship Fund.—This fund was established by a bequest from Louisa J. Spencer. The income is used to aid in

defraying the expenses of students who meet certain conditions established by the terms of the bequest.

Admiral Powell Endowment.—The Admiral Powell Endowment was made by Admiral Levin M. Powell, U. S. Navy. The income from this endowment is for the "free education of such young men as may desire to take advantage of the said endowment by way of their preparation for entrance into the Naval Academy at Annapolis, Maryland, or such as may fit them to become mates or masters in the Merchant Marine Service of the United States," and of "such apprentices as, having filled their time in the great steam manufactory establishments of the country, may apply for appointment from civil life in the Steam Engineer Department of the United States Navy." The number of scholarships awarded each year will be determined by the income from the endowment. Each scholarship will entitle the beneficiary to free tuition for one year. Such special courses of study are offered to each student as will give him the instruction needed to accomplish the purpose for which he is awarded the scholarship.

These scholarships are especially applicable to those who intend to come up for examinations as warrant officers in the Engineering Department of the Navy, to warrant officers who are preparing for examination for appointment as Ensign, to persons desiring to enter the Navy as Acting Ensigns for engineering duty, or to those who desire to fit themselves for responsible positions in the mercantile marine.

The subjects to be taken by a student will vary according to his preparation and according to the purpose for which he has been awarded the scholarship.

Ministerial Aid.—The University authorizes the remission of a stated amount in tuition fees, to be called Ministerial Aid, which may be given to students, resident in the District of Columbia or its immediate vicinity in the regular courses of Columbian College, preparing for the ministry and not yet ordained. Any student receiving Ministerial Aid may be called upon for clerical or like work to the extent of not more than one hour a week for every twelve dollars of tuition remitted, and of not more than four hours in any one week.

University Aid.—The University authorizes the remission of a stated amount in tuition fees, to be called University Aid, which may be loaned to undergraduate students in regular courses in the Department of Arts and Sciences whose circumstances warrant pecuniary assistance. Any student receiving University Aid is expected to repay it as soon as possible. In occasional instances he may be enabled, while still a student, to repay it in part or whole through clerical or like service rendered the University.

Loan Scholarships.—A limited number of loan fund scholarships are available to students under advantageous conditions. Applications should be made to the Treasurer of the University.

PRIZES

(Only candidates for degrees may compete for these prizes.)

Staughton and Elton Prizes.—The Staughton Prize, for excellence in the Latin Language and Literature, and the Elton Prize, for excellence in the Greek Language and Literature, founded by the Rev. Romeo Elton, D.D., of Exeter, England, consist of two gold medals, annually awarded to the best scholar in each of these languages.

Ruggles Prizes.—The Ruggles Prizes, for excellence in Mathematics, founded by Professor William Ruggles, LL.D., consist of two gold medals, annually awarded upon examination to the best two scholars in Mathematics.

Davis Prizes.—The Davis Prizes were founded by Hon. Isaac Davis, of Massachusetts, in 1847. The original endowment was five hundred dollars, "proceeds of which will afford three premiums, in cash or gold medals, of the value of five dollars, ten dollars, and of fifteen dollars annually—these premiums or prizes to be distributed annually to such members of the Senior Class as shall have made the greatest progress in elocution since their connection with the College." Only members of the Senior Class are eligible to compete for these prizes.

Daughters of the American Revolution Prize.—This prize, founded by the Daughters of the American Revolution of the District of Columbia, consists of a gold medal, awarded annually to the student in the graduating class who, having maintained a high standing in the several courses in History offered by the University, shall produce the best essay upon an assigned topic of American history.

The Thomas F. Walsh Prize.—This prize, established by Thomas F. Walsh, Esq., of Colorado, and based upon the income of one thousand dollars, consists of a gold medal awarded annually to that student of the graduating class who, having maintained a high standard in the several courses in History, shall produce the best essay upon a designated period of the History of England in its association with the History of Ireland.

E. K. Cutter Prize.—The E. K. Cutter Prize in English was founded by the late Marion Kendall Cutter. The endowment is a fund of one thousand dollars, the income of which is given annually as a prize "for excellence in the study of English." The prize will be awarded to the member of the graduating class whose record in English, combined with general excellence, shows most marked aptitude and attainment in English studies.

Willie E. Fitch Prize.—The Willie E. Fitch Prize, for highest excellence in all branches of Chemistry, founded by James E. Fitch, Esq., in memory of his son, consists of fifty dollars, which is awarded annually for the best examination in Chemistry.

The Gardiner G. Hubbard Memorial Prize.—This is a prize in American History established by Mrs. Gertrude M. Hubbard in memory of her husband, the late Gardiner G. Hubbard. The endowment is a fund of one thousand dollars, the income from which is to be given annually to that member of the graduating class who has during four years maintained a high standing in the several classes in History, and who has produced the best essays upon subjects based upon a study of some assigned period of American history.

Muth Prize.—George F. Muth & Co. offer a slide rule to the student who makes the highest record in Mechanical Drawing 1.

James Macbride Sterrett, Jr., Prize.—Founded by the late Professor James Macbride Sterrett, in memory of his son, consists of a gold medal annually awarded to that student who obtains the highest average in Physics 1.

The Alexander Wilbourne Weddell Prize.—From a fund established by a gift of Mrs. Virginia Chase Weddell, an annual prize of two hundred and fifty dollars is awarded to a student of the University, who is registered for a degree, for the best essay upon the subject of "the promotion of peace among the nations of the world." The prize essays shall become the property of the University and shall not be printed or published without the written consent of the University. The University reserves the right to withhold the award if no essay attaining the required degree of excellence is submitted.

The Chi Omega Prize in Sociology.—An annual prize of fifteen dollars is offered by the Phi Alpha Chapter of the Chi Omega Fraternity for the best essay on a sociological subject to be announced by the Committee in Charge. Essays must meet the requirements defined by the Committee and be submitted on or before April 1.

Sigma Kappa English Prize.—An annual prize of a set of books to the value of ten dollars is offered by the Sigma Kappa Sorority to the student passing the best examination in the year's work in English Rhetoric. All members of the classes in English Rhetoric are eligible for this special examination, which will be given during the final examinations.

Phi Mu Prize in Playwriting.—An annual prize is offered by the Phi Mu Fraternity for a one-act play of approved excellence written by a student in the University. The award will be made by the English Department of the University, and the George Washington University Players shall have the opportunity to give the first production of the play.

Sigma Kappa Prize in Chemistry.—A prize of ten dollars is offered annually by Zeta Chapter of Sigma Kappa Sorority to that student who passes the best examination in Freshman Chemistry.

Genevieve Chatterton McCutchins Prizes.—Two cash prizes of twenty-five dollars and fifteen dollars may be awarded annually for

the best and the next best essays on subjects connected with Archaeology or Painting. In their award consideration will be given to students' knowledge of contemporary literature, history, or music, as relating to the progress of fine arts. These prizes are open to both graduates and undergraduates.

Kappa Alpha Prize in Economics.—An annual prize of ten dollars is offered by the Alpha Nu Chapter of Kappa Alpha Fraternity for the best essay on a subject in the field of Economics. The essays will be judged by a committee of three, consisting of the Professor of Economics, a member designated by the Fraternity and a third member designated by the first two. The essays must be submitted by the first of May.

Alchemists Prize.—The Alchemists offer annually a gold medal to the graduating student who has attained the highest average in Chemical subjects, provided that he has completed an amount of Chemistry equal to the minimum required for a degree in Chemistry or Chemical Engineering and that at least three-fourths of this work has been done at George Washington University.

Dietzgen Prize.—The Eugene Dietzgen Co. offers a drop bow pen to the student making the highest record in Machine Drawing.

Dietzgen Prize in Architecture.—The Eugene Dietzgen Co. offers a water color set to the freshman making the highest record in Architectural Drawing.

Chemical Society Prize.—A medal is offered annually to that student belonging to the society who presents the best paper during the year.

Sigma Tau Prize.—The Xi Chapter of Sigma Tau offers annually a gold medal to the freshman in the College of Engineering who maintains the highest scholastic standing throughout the year.

Goddard Medal in Commerce.—This prize was founded by Mary W. Goddard, Alice Douglas Goddard and Frederick J. Goddard, of Georgetown, D. C., in memory of Morgan Richardson Goddard, and is awarded to the student making the highest average in Commerce. The prize consists of a gold medal and twenty-five dollars in gold.

Goddard Medal in Pharmacy.—This prize was founded by Mary W. Goddard, Alice Douglas Goddard and Frederick J. Goddard, of Georgetown, D. C., in memory of James Douglas Goddard, and is awarded to the student making the highest average in Pharmacy.

Goddard Medal in French.—This prize was founded by Mary W. Goddard, Alice Douglas Goddard and Frederick J. Goddard, of Georgetown, D. C., in memory of Edward Carrington Goddard, class '81, and is awarded to the student making the highest average in the French language and literature.

Círculo Español Cervantes Medal.—The Spanish Club of the University, El Círculo Español, offers annually a bronze medal for the

best essay dealing with a subject chosen from the life or works of Miguel de Cervantes Saavedra. Essays must be submitted on or before April 1, and the prize will be awarded on April 23, the anniversary of the death of Cervantes.

Alpha Delta Theta Prize in Chemistry.—A gold medal is offered annually by Phi Sigma Sorority to that woman student who maintains the highest average standing in Chemistry 3 or 4, exclusive of second semester final examinations.

Kappa Delta Scholarship Prize.—The Kappa Delta Fraternity offers, annually, a silver loving cup to that girl of the Freshman Class, registered for a degree in one of the colleges of the Department of Arts and Sciences, who attains the highest average during her first year of not less than twenty-four semester hours of work.

Alpha Delta Pi Prize.—Alpha Pi Chapter of the Alpha Delta Pi Fraternity offers an annual prize of ten dollars to the student doing the best work in third-year French.

Engineering Society Prize.—The Engineering Society offers annually a gold medal, bearing the insignia of the Society, to the student presenting before the Society the best speech on a technical subject.

Livingston Prize.—The Livingston Co. offers a handbook on Mechanical Engineering to the undergraduate making the highest record in the study of Machine Design.

Heaton Prizes in Architecture.—Mr. Arthur B. Heaton has presented two sets of architectural books to be awarded as prizes to the two students having the highest grades in the courses on architectural design.

Delta Zeta Sorority offers annually a prize of \$10.00 in gold to be awarded to the student maintaining the highest average in General Botany.

The Gamma Beta Pi Sorority offers annually a gold medal for excellence in Botany. Details concerning this award may be obtained from the Department of Botany.

The Episcopal Club of George Washington University gives an annual prize of ten dollars for an essay on a subject to be announced each year. This prize is open to freshmen or sophomores who are taking a course in mediaeval history.

DAVIS PRIZE SPEAKING

The Davis Prize Speaking is held on the second Tuesday after the Easter holidays. The award of these three prizes is determined by a public speaking contest, in which the participants deliver original orations. Senior students wishing to enter the competition should report to Professor Croissant not later than five weeks before the contest, and submit their orations not later than three weeks before

the contest. The prizes are awarded by a committee consisting of three members, appointed by the Department of English.

PRIZE AWARDS, 1924-1925

Ruggles Prizes.—First Prize, H. A. Wheeler. Second Prize, P. J. Federico.

Daughters of the American Revolution Prize.—Nancy Feehan.

Thomas F. Walsh Prize.—Ora Marshino.

E. K. Cutter Prize.—Ernest Sewall Shepard.

Willie E. Fitch Prize.—Howard A. Jones.

Gardiner G. Hubbard Memorial Prize.—Estelle Pittman.

Muth Prize.—J. R. Kyle.

Colonial History Prize.—Edgar Graham.

Alexander Wilbourne Weddell Prize.—William L. Bales. Honorable Mention, Catherine Coblentz.

Chi Omega Prizes in Sociology.—(Of equal merit): Alvin McNish and Helen Shaw.

Sigma Kappa English Prize.—Marguerite Merigold.

Sigma Kappa Prize in Chemistry.—Spencer S. Prentiss.

Genevieve Chatterton McCutchins Prizes.—First Prize, Mary Arnold Baer. Second Prize, Nathalie Maurice Bennett.

Alchemists Prize.—Howard A. Jones.

Dietzgen Prizes (in Machine Drawing).—First Prize, D. E. Hahn. Second Prize, F. M. Soule.

Dietzgen Prize in Architecture.—Linden Deuterman.

Goddard Medal in Commerce.—Clarence Mitchell.

Goddard Medal in French.—Virginia Ronsaville.

Phi Sigma Prize in Chemistry.—Martha Lambert.

Alpha Delta Pi Prize.—Esther Anne Manion.

Engineering Society Prize.—Frederick Sillers, Jr.

Livingston Prize.—Lawrence Hyde.

Heaton Prizes in Architecture.—First Prize, Leon Chatelain, Jr. Second Prize, Donald Chenowith Kline.

HIGH SCHOOL SCHOLARSHIPS, 1924-1925

Kendall Scholarship.—Margaret Wheeler, Central High School.

First University.—Hugh S. Wertz, McKinley High School.

Second University.—Ralph Stauby, Jr., Central High School.

Third University.—Louise P. DuBose, Western High School.

Fourth University.—Esther Iglehart, Central High School.

Fifth University.—William Shoemaker, McKinley High School.

Sixth University.—Furman Lyle, Central High School.

Seventh University.—Elizabeth M. Hewston, Central High School.

RESERVATION OF RIGHT TO CHANGE RULES

Registration in the Department of Arts and Sciences is for a period of one year at a time. Acceptance of a student does not in any way obligate the University to accept the student for any subsequent year. The right is reserved to drop any student whenever, in the interest of the student or the University, the faculty deem it advisable to do so, or to modify or change the requirements, rules and fees of the University.

ASSEMBLIES AND CHAPEL

A University Assembly will be held weekly at which an address will be made by a prominent visiting or local speaker. This Assembly will usually be on Wednesday at 11.05 a. m.

Chapel exercises will usually be held at 11.05 a. m. on Monday and Friday.

Assemblies for full-time freshmen women will be held on Tuesdays at 11.05 a. m. in Corcoran Hall 1. These are conducted by the Dean of Women and cover in the first semester general topics of college interest, and in the second semester a general survey of vocations.

PAYMENT OF FEES

Regulations prescribed by the Board of Trustees of the University

1. That no student be permitted to perfect registration or to attend classes until the initial payment is made. The initial payment to include registration fee, first semester University fee, special advance fees, and the October installment of tuition.

That after registration by a student no part of the initial payment shall be returnable except the adjustment of laboratory deposits.

2. That subsequent monthly installments are due and payable on the first of each month; and, if payment is not made by the tenth of the month, and in the absence of special arrangements for payment, the Treasurer be required to notify the delinquent that if payment is not received by the sixteenth of the month the name will be automatically dropped from the rolls. If payment is not received on or before the sixteenth of the month, the Treasurer be required to notify the Dean of the Department in which the student is registered that, under the regulations of the Board of Trustees, his name is automatically dropped from the rolls and that attendance may not be resumed except upon payment of a reinstatement fee of \$3.00 and all accrued fees, and after a formal reinstatement by the Dean.

3. That no student may register in any department of the University who owes fees in any other department of the University; and, that no student may re-register in any year who owes fees from any previous year.

Changes in Courses

4. That all adjustments in courses be made before the tenth of October for the first semester and before the tenth of February for the second semester, after which dates no changes in courses will be permitted without the approbation of the Dean of the department in which the student is registered and the payment of \$2.00 for each change.

STEPS IN REGISTERING

1. (a) Submission of credentials for entrance.

(b) Applicants who have attended other institutions of collegiate rank must present credentials also for the work pursued in these institutions, together with a statement of honorable dismissal from the institution last attended.

(c) The applicant will be notified of the acceptability of the credentials presented.

(d) Applicants are not permitted to register until the credentials stated in (a) or (b) have been filed.

2. The applicant whether a former student or a new student should prepare a statement of the courses he desires to take. This statement should give the catalogue number of the course and should be accompanied by a schedule showing the exact hours for each course selected. A form for this schedule may be obtained from the Registrar.

3. In preparing the statement specified in 2, the applicant should seek the advice of the Registrar or of the Dean. Students planning to specialize in a particular line should seek advice of the head of the department or of his authorized representative, in selecting their courses. It is very important that students who are beginning or continuing work on their major should obtain the advice and approval of the head of the department in which the major lies.

4. After the proposed course of study has been determined, the student should go to the Registrar's office and fill out the proper application blanks. The Registrar will then furnish the applicant with a statement of the amount of the first payment.

5. The applicant will then make the required payment in the Cashier's office. The receipt for this payment is to be shown the Registrar and the registration will be approved.

6. The applicant is now entitled to attend classes.

TIME OF REGISTRATION

Students may register any time before the opening of the University in the fall or before the opening of the second semester, but the period from September 17 to September 27, both inclusive, and the week preceding the opening of the second semester, are designated as registration periods. During these periods special effort is made to facilitate the registration of students.

Students are cautioned to make every effort to complete their registrations before the close of the registration period. A late registration fee of \$5.00 will be assessed in all cases where such effort has not been made.

As evidence that a student has made proper effort to register, or to change his registration, on time, the Dean or Registrar is authorized to issue a dated card to the student who has conferred with the Dean or Registrar during the registration period, but who has found it impossible to complete or to change his registration before the close of that period.

It is of first importance that students attend classes from the beginning of the semester. After the first week of the semester, students are not admitted to classes except on the written approval of the Dean. After the second week of the semester, students are not admitted to classes for credit.

All registrations are for the college year, unless otherwise stated in the registration paper, and a student is liable for all charges for courses for which he has registered unless changes have been made with the approval of the proper officers. A student who is obliged to withdraw from the University during the college year, or to drop a course before its completion, should immediately report in person or in writing to his Dean for permission to change. Reporting the dropping of a course to an instructor does not constitute sufficient notice of a desire to discontinue the course.

FEES

1. Annual registration fee.....	\$2.00
2. Late registration fee.....	5.00
3. Tuition fee for each semester-hour credit of courses leading to all degrees except Ph.D.....	7.00
A maximum fee of \$210 is charged for courses aggregating not more than eighteen hours a week.	
Special permission is required to register for more than eighteen hours during any semester, and students who obtain such permission will be charged additional fees for the hours in excess of eighteen	
4. Tuition fee per annum for graduate courses leading to the degree of Ph.D.....	210.00
5. Beaux Arts registration fee (annual).....	7.50
For students taking one or more of the courses Architecture 5, 7, 9, 25, 26, 27, 47.	
6. Laboratory courses:	
Material fees:	
Architecture 2, 3, 5, 6, 7, 9, 25, 26, 27, 30, 33, 34, 35, 47; each	2.00

Botany 1, 2; each.....	\$2.50
Chemistry 22, 24, 26; each.....	2.50
Chemistry 1, 2, 21, 23, 25, 28, 36; each.....	5.00
Chemistry 15.....	7.50
Chemistry 3, 4, 10, 27, 38; each.....	10.00
Chemistry 16, 20, 41, 46, 65, 72, 90 to 94; each.....	15.00
Electrical Engineering 4, 24; each.....	10.00
Experimental Psychology	2.00
Geology 1	5.00
Home Economics 1, 2, 3, 6; each.....	10.00
Home Economics 13, 14, 15, 16; each.....	5.00
Home Economics 29.....	6.00
Mechanical Engineering 9, 10, 11; each.....	5.00
Physics 2, 4; each.....	10.00
Physics 28	5.00
Preventive Medicine 51.....	10.00
Zoology 1	5.00
Zoology 2, 3; each.....	10.00
Deposits to cover breakage of apparatus issued, the amount paid in excess of breakage to be returned:	
Chemistry 22, 23, 24, 25, 26; each.....	5.00
Chemistry 1, 2, 3, 4, 21, 36, 38; each.....	10.00
Chemistry 10, 15, 16, 20, 27, 28, 41, 46, 65, 72, 90 to 94; each	15.00
7. Microscope rental in Botany 1 and Zoology 1, 2, 3, Chem- istry 22, 23, 24, 25.....	5.00
8. Reinstatement fee	3.00
9. Fee for certificates under the seal of the University.....	2.00
10. Fee for graduation.....	11.00
11. University fee	8.00

The tuition fees stated in items 3 and 4 apply to students entering the Department of Arts and Sciences in 1925-26 or later. Students who were in attendance during the session of 1924-25 and have remained in continuous attendance since then will be charged tuition fees in accordance with the statements in the catalogue of 1924-25.

UNIVERSITY FEE

To insure them certain privileges and benefits, all students in the University are charged a University fee of \$4.00 per semester, by which they are entitled to the following:

1. Gymnasium privileges, including participation in intra-university athletic sports.
2. The University Hatchet, the official student newspaper issued weekly.

3. Medical and Hospital benefit as follows:

(a) Three visits by the University physician, office or home, in any one illness, exclusive of a specialist or surgical operation.

(b) Room, board, medicine, and undergraduate nursing in the University Hospital for not more than two weeks during the school term; necessity to be determined by the University surgeon.

(c) This benefit does not include: Treatment for illness or disability incurred previous to University term or prior to payment of fee.

4. Admission to all home athletic contests.

5. Admission to University debates.

6. Admission at special rates to other University events.

7. Use of the University tennis courts.

Students will not be assigned desks in the Chemical Laboratory until they exhibit a receipt for the payment of the laboratory deposit, or present an authorization from the Dean.

Students unable to pay their fees monthly in advance will be required to furnish as security an acceptable personal or corporate bond for \$250, for which a charge of \$3.00 will be made.

All fees are payable at the office of the Treasurer of the University, 2033 G Street.

For catalogues, application blanks, and further information, address

THE REGISTRAR,

The George Washington University,

2033 G Street, Washington, D. C.

COLUMBIAN COLLEGE

ADMISSION

Candidates for admission to the Freshman Class in Columbian College must meet the general admission requirement (p. 24) of fifteen units. A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. *The fifteen units of the entrance requirement must include English, 3 units; Algebra, 1 unit; Plane Geometry, 1 unit; and one of the following languages: Latin, Greek, French, German, or Spanish, 2 units.* The remainder of the requirement is elective and may be satisfied in general by any accredited secondary school subjects.

No secondary school work is credited towards a college degree. For admission to advanced standing or as special students, see p. 30.

REQUIREMENTS FOR DEGREES

The undergraduate degree offered by Columbian College is Bachelor of Arts. To be recommended for this degree, the student must satisfy the admission requirements, and must complete at least one hundred and twenty semester hours of undergraduate courses *at least twenty-four semester hours of which (or eighteen semester hours in the combined courses), and one year in residence, must be completed in the Department of Arts and Sciences.* Residence may be satisfied, in whole or in part, in the Summer School, by periods aggregating not less than twenty-four weeks. A semester hour of credit is one recitation or lecture a week or one laboratory period a week for one semester. No time limit for the course is prescribed and the degree is given when the total of prescribed and elective studies is completed and the residence requirement satisfied.

Amount of Work.—Fifteen hours a week constitutes a normal year's work. More than eighteen hours may not be taken, except under unusual circumstances, with special permission.

Quality of Work.—Two-thirds of the number of semester hours required for graduation must be passed with a grade of "C" or higher.

"With Distinction."—One grade of special distinction is recognized in awarding the Bachelor's degree. It is shown by inserting the words "With Distinction" on the diploma after the name of the degree. It is awarded under the following conditions:

"That the names of all students who have received a mark of at least 'B' (90 per cent) on courses representing at least sixty (60) per cent of all hours taken by them be submitted by the Dean to the Faculty of the department in which the student shall be studying for a degree;

"That the Faculty, after separate consideration of each individual case, shall, if it see fit, recommend the awarding of the degree 'With

Distinction' to students who shall have fulfilled the conditions above specified."

Suggestions.—Information about all studies is given in the alphabetical arrangement of subjects under "Courses of Instruction."

Most courses come three times a week, either on Monday, Wednesday and Friday, or on Tuesday, Thursday and Saturday. Most general culture subjects are given in two sections, one early in the day and one late. Students who have all their time for college work should take the early sections. The late sections are given in the last two periods, at 5.10 o'clock or at 6.05 o'clock, in order to afford to those employed in Government offices the opportunities of college study. Teachers in the public schools can usually take also the courses announced for 4 o'clock. When the college work is limited to the last two periods and the evening laboratory periods, the length of the course is generally six years.

FOR THE DEGREE OF BACHELOR OF ARTS

To be recommended for the degree of Bachelor of Arts, the student must complete courses of study amounting to at least one hundred and twenty semester hours, and satisfy the specifications of a curriculum group.

There are four curriculum groups, each leading to the degree of Bachelor of Arts. Every candidate for the degree of Bachelor of Arts selects one of these groups, and thereafter he is not permitted to change to another group except on condition that he fulfill the requirements of the group to which he changes.

A foreign language that is begun in satisfaction of a curriculum requirement must be continued the following year.

Sophomores are free to elect any first or second section subject for which the work of the Freshman year has prepared them.

THE CURRICULUM GROUPS

I. General.

III. Pre-Legal.

II. Commerce.

IV. Pre-Medical.

I—GENERAL

FRESHMAN YEAR	Semester Hours
English 1 or 2.....	6
Foreign Language	6
History or Political Science.....	6
Mathematics or Natural Science.....	6
Elective	6
Total.....	30

Electives Recommended to Freshmen.

Chemistry 1, 2, 3, or 4.	History.
Botany 1 and 2.	Physics 3 and 4.
Foreign Languages.	Political Science 1 and 3 or 2 and 4.
Geology.	Zoology 1.
Mathematics.	

SOPHOMORE YEAR	Semester Hours
English 5 or 6; or 7 or 8.....	6
Foreign Language	6
History or other Social Science.....	6
Elective	12
	—
Total.....	30

JUNIOR AND SENIOR YEARS

The work of the Junior and Senior years is elective, subject to the following restrictions:

1. Before graduation a major of not less than twenty-four semester hours must be completed in an approved subject, usually one of the following:

Ancient Language.	Mathematics.
Biological Science.	Modern Language.
Economics and Commerce.	Philosophy and Psychology.
English.	Physical Science.
History.	Political Science.

The candidate's choice of studies comprising the major shall be subject to the approval of the major department. Courses of an elementary or introductory character shall not be counted as satisfying the twenty-four-hour requirement for a major unless specifically approved by the major department. Students are required to select and file with the Registrar a choice of major subject at the beginning of the Junior year.

2. Not less than thirty semester hours of work shall consist of second or third section courses.

II—COMMERCE

(Foreign and Domestic)

FRESHMAN YEAR	Semester Hours
English 1 or 2.....	6
Modern Language	6
European History	6
Political Science 1 and 3 or 2 and 4.....	6
Elective	6
	—
Total.....	30

SOPHOMORE YEAR

	<i>Semester Hours</i>
Economics 1 or 2.....	6
Modern Language	6
American History	6
Elective	12
Total.....	30

JUNIOR AND SENIOR YEARS

The work of the Junior and Senior years is elective, except that a major of not less than twenty-four semester hours must be chosen from courses pertaining to foreign and domestic commerce. Other regulations are the same as in Group I.

Domestic Commerce.—Students majoring in Domestic Commerce are advised to take Industrial and Commercial Geography. Their attention is also directed, not only to the various courses, such as Commercial and Maritime Law, Railway Transportation and Ocean Transportation, listed in the catalogue under the heading "Commerce," but also to courses described under other headings, such as Money and Banking, Public Finance, Corporation Finance, Accounting, Statistics, and other courses in Economics, the various courses in Political Science and in History, Applied Psychology, and Industrial Management.

Foreign Commerce.—Students majoring in Foreign Commerce are advised to take Industrial and Commercial Geography, Foreign Trade, and International Economic Relations. Their attention is also directed to the courses in Commercial and Maritime Law, and Ocean Transportation, and to various courses listed under other headings, such as International Law, International Relations, Governments and Politics of the Far East, Governments and Politics of Latin-America, and courses in Economics, History, and Modern Languages.

III—PRE-LEGAL

FRESHMAN YEAR

	<i>Semester Hours</i>
English 1 or 2.....	6
Mathematics or Natural Science.....	6
History	6
Political Science 1 and 3 or 2 and 4.....	6
Modern Language	6
Total.....	30

SOPHOMORE YEAR	<i>Semester Hours</i>
American or English History.....	6
Economics 1 or 2.....	6
Logic and Ethics.....	6
Modern Language	6
Elective	6
Total.....	30

The work of the Junior and Senior years is elective, subject to the same restrictions as those of Group I.

IV—PRE-MEDICAL	<i>Semester Hours</i>
FRESHMAN YEAR	
Chemistry 3 or 4.....	10 or 8
Zoology 3	8
English 1 or 2.....	6
Modern Language	6 or 8
Total.....	30

SOPHOMORE YEAR	
Physics 3 and 4.....	10
Chemistry 10	10
Modern Language	6
Psychology	6
Total.....	32

JUNIOR AND SENIOR YEARS

The work of the Junior and Senior years is elective, subject to the same restrictions as those of Group I.

COMBINED SIX-YEAR COURSE FOR THE DEGREES OF BACHELOR OF ARTS AND BACHELOR OF LAWS

Professional courses in Law will be credited towards the degree of Bachelor of Arts to the extent of thirty semester hours. On the completion of ninety semester hours of work in college, *at least eighteen semester hours of which must be taken in the Department of Arts and Sciences*, including all of the required subjects in some one of the curriculum groups, and of the first year of the regular course in the Law School, the student will receive the degree of Bachelor of Arts. This

combined course contemplates three years of college study and three years in the Law School. The effect is to shorten the period of study for the two degrees one year.

COMBINED SEVEN-YEAR COURSE FOR THE DEGREES OF BACHELOR OF ARTS AND DOCTOR OF MEDICINE

Professional courses in Medicine will be credited towards the degree of Bachelor of Arts to the extent of thirty semester hours. On the completion of ninety semester hours of credit in college, *at least eighteen semester hours of which must be taken in the Department of Arts and Sciences*, including all of the required subjects in some one of the curriculum groups, preferably Group IV, and on the completion of the first year of the regular course in the Medical School, the student will receive the degree of Bachelor of Arts. This combined course contemplates three years of college study and four years in the Medical School. The effect is to shorten the period of study for the two degrees one year.

SPECIAL COURSE FOR ADMISSION TO THE MEDICAL SCHOOL

FIRST YEAR	Semester Hours
Chemistry 3 or 4.....	10 or 8
English 1 or 2.....	6
Zoology 3.....	8
Electives (preferably French or German).....	6 or 8
Total semester hours.....	30
SECOND YEAR	
Physics 3 and 4.....	10
*Chemistry 15.....	6
Electives other than Natural Science.....	14
Total semester hours.....	30

The Council on Medical Education of the American Association states: "Of the sixty semester hours required as the measurement of two years' work, at least eighteen, including the six semester hours in English, should be in subjects other than the physical, chemical, or biologic science."

*Students are advised, when possible, to take Chemistry 16 in place of Chemistry 15.

PUBLIC SERVICE COURSES

These courses are designed to impart general culture and a broad grasp of public questions, and thus to provide a training that will prove of value in commercial life, the practice of law, or public service. The work prescribed is broader than the requirements for entrance into the specialized government services, so that the student who completes with credit the appropriate courses has a training that will fit him to rise to the higher position in the service to which he may be appointed.

FOREIGN SERVICE

Regular students who are preparing for government foreign service should register for the General Curriculum Group or for the Commerce Group (Domestic or Foreign) in case of undergraduate studies, or, if graduate students, should major in the appropriate department; and they should elect the subjects indicated by the government regulations concerning the entrance into the various branches of the government foreign service. A number of government departments and commissions send experts abroad; the principal ones of these are the Department of State and the Department of Commerce.

FOREIGN SERVICE—DEPARTMENT OF STATE

An act of Congress of May 24, 1924, provides for the reorganization of the Foreign Service, and consolidates the Consular and Diplomatic services so far as status of personnel and requirements for entrance are concerned. A bulletin entitled "American Foreign Service" reads, in part, as follows:

"Scope of Examination: The examination will be in two parts, one written and the other oral, each part counting equally. The written examination will include the subjects prescribed by the President, to wit: Modern languages (French, Spanish, or German is required, and a candidate may offer, in the oral test, in addition to one of these any languages with which he may be familiar); elements of international, commercial, and maritime law; political and commercial geography; the natural, industrial, and commercial resources and commerce of the United States with especial relation to the possibilities of trade expansion and protection; American history, government and institutions; the history since 1850 of Europe, Latin America, and the Far East, with particular attention to political and economic tendencies; and the elements of political economy. Candidates will be examined in arithmetic as used in commercial statistics, tariff calculations, exchange and simple accounting, and they will be rated in English, composition, grammar, punctuation, spelling, and penmanship as shown by their replies to questions in the written examination.

"The oral examination will be designed to ascertain the physical, mental, and temperamental qualifications of candidates for the proper performance of the duties of the Foreign Service; their character, ability, address, judgment, and fitness, general education and culture, and contemporary information, experience and business ability."

FOREIGN SERVICE—DEPARTMENT OF COMMERCE

A bulletin entitled "Appointments to Positions at Home and Abroad in the Bureau of Foreign and Domestic Commerce," with reference to "Qualification Standards," reads, in part, as follows:

"Some of the requirements may be enumerated as follows:

"(f) Knowledge of the fundamental principles as well as the practical routine and the chief problems of international trade.

"(g) General knowledge of the history, institutions, and present economic conditions of the country in which the assignment is made.

"(h) Thorough understanding of the principles of political economy and their application to domestic and foreign commerce.

"(i) A broad knowledge of the resources of the United States and familiarity with the industrial development of the country in its relation to the export trade.

"(j) Some knowledge of international law, diplomatic procedure, and the methods and regulations of government departments and bureaus is desirable."

REGISTRATION PROCEDURE AND PAYMENT OF FEES

See pages 39-43.

COLLEGE OF ENGINEERING

ADMISSION

Candidates for admission to the Freshman Class in the Civil Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, Chemistry and Physics Courses are required to present fifteen units for admission, distributed as follows:

	<i>Units</i>
English	3
Foreign Language (preferably French, German or Spanish)*	2
Plane and Solid Geometry.....	1½
Elementary and Advanced Algebra.....	2
Plane Trigonometry	½
Chemistry	1
Physics	1
History	1
Electives	3
Total.....	15

Candidates for admission to the Freshman Class in the Architectural Course are required to present fifteen units for admission, distributed as follows:

	<i>Units</i>
English	3
Foreign Language (preferably French)**.....	2
History	1
Chemistry	1
Plane and Solid Geometry.....	1½
Elementary and Advanced Algebra.....	2
Plane Trigonometry	½
Electives	4
Total.....	15

*French or German required for students of Chemical Engineering and Chemistry.

**Students who do not present French for entrance must complete two (2) years of this language at the University instead of the one year required of those students who do present French for entrance.

For detailed description of the requirements in each preparatory subject, see page 25.

For admission to advanced standing or as a special student, see page 30.

COURSES FOR A DEGREE

Seven courses are offered:

- I. CIVIL ENGINEERING.
- II. ELECTRICAL ENGINEERING.
- III. MECHANICAL ENGINEERING.
- IV. CHEMICAL ENGINEERING.
- V. CHEMISTRY.
- VI. ARCHITECTURE.
- VII. PHYSICS.

These courses occupy four years each, and lead to the degree of Bachelor of Science in Civil Engineering, in Electrical Engineering, in Mechanical Engineering, in Chemical Engineering, in Chemistry, in Physics, and Bachelor of Architecture, respectively. Graduate courses of one year under the Faculty of Graduate Studies of the George Washington University are open to those who receive the appropriate undergraduate degrees, and lead to the degrees of Master of Science in Engineering, Master of Science in Chemistry and Master of Architecture.

REGISTRATION PROCEDURE

See page 39.

ATTENDANCE AND SCHOLARSHIP

The normal schedule for students in the College of Engineering is seventeen or eighteen periods per week. Only in exceptional circumstances will students be permitted to take more than this amount of work.

Part-time students should usually take not more than ten periods per week and only in exceptional cases will they be permitted to take more than twelve periods per week.

Two-thirds of the minimum number of semester hours required for graduation must be passed with a grade of "C" or over.

"Graduation with Distinction." One grade of special distinction is recognized in awarding the Bachelor's degree. It is shown by inserting the words "With Distinction" on the diploma after the name of the degree. It is awarded under the following conditions:

The names of all students who have received a mark of at least "B," ninety (90) per cent, on courses representing at least sixty (60) per cent of all hours taken by them are submitted by the Dean to the Faculty of the College in which the student shall be studying for a degree;

The Faculty, after separate consideration of each individual case, shall, if it sees fit, recommend the awarding of the degree "With Distinction" to students who have fulfilled the conditions above specified.

Regular attendance at all classes is required of all students. Repeated absences in any course will be reported to the Registrar who will notify the student. Unless satisfactory explanation of absences is given, the student will be dropped from the course in which the absences occur, and additional penalty may be imposed.

For further regulations in regard to scholarship requirements, see pages 24-43.

PART-TIME STUDENTS

The class hours are so arranged that persons who can give only part of their time to college work may complete a full engineering course and obtain a degree. Such students usually take six or seven years to complete the course. Classes in all the general studies of the engineering courses and in many of the technical subjects are regularly scheduled in the two class periods from 5.10 o'clock to 6.55; and other technical courses are given in alternate years in these periods. The drawing rooms are open from 9 o'clock in the morning until half-past 10 at night.

The chemical laboratory is open every week day except Saturday from 2 to 5 and from 7.30 to 10.30.

Drawing and laboratory courses for part-time students are scheduled from 7.30 to 10.30 p. m.

REQUIREMENTS FOR DEGREES

To be recommended for a degree in the College of Engineering students must satisfy all entrance requirements and must complete at least one hundred and forty semester hours of undergraduate work of which twenty-four semester hours or more must be completed at George Washington University. A semester hour of credit is one recitation or lecture a week or one laboratory or drawing period a week for one semester.

The arrangement of the topics in each of the degree courses is shown below. The numbers following the names of subjects refer to the courses as given in the list of Department Subjects beginning on page 74, to which reference should be made for more complete description.

CIVIL ENGINEERING COURSE LEADING TO THE DEGREE OF
BACHELOR OF SCIENCE IN CIVIL ENGINEERING

FRESHMAN YEAR		<i>Semester-Hour Credits</i>
Chemistry 4	General Chemistry.	8
English 1 or 2	Rhetoric.	6
French, German or Spanish		6
Mechanical Drawing 1, 8	Mechanical Drawing; Descriptive Geometry.	6
Mathematics 9 or 12	Trigonometry; Analytic Geometry.	6
Electives		2
SOPHOMORE YEAR		
Civil Engineering 1, 3, 4, 20	Surveying; Highway Engineering; Materials of Construction; Higher Surveying.	14
Commerce 33	Commercial Law.	4
Mathematics 18 or 19	Calculus.	6
Physics 1, 2	General Physics; Laboratory Physics.	10
Electives		2
JUNIOR YEAR		
Applied Mathematics 20, 21, 22	Mechanics; Hydraulics, Mechanics of Materials.	12
Civil Engineering, 2, 22, 29	Railroad Engineering; Theory of Structures; Prac- tical Astronomy.	14
Electrical Engineering 1	Engineering Electricity.	4
Geology 12 (or Geology 2)	Engineering Geology.	4
Mechanical Engineering 9	Engineering Laboratory.	2
SENIOR YEAR		
Architecture 43	Specification Writing.	2
Chemistry 21	Technical Analysis.	2
Civil Engineering 21, 23, 24, 27	Hydraulic Engineering; Theory of Structures; Sanitary Engineering; Reinforced Concrete.	26
Mechanical Engineering 33	Engineering Economics.	2
Electives		2

**ELECTRICAL ENGINEERING COURSE LEADING TO THE
DEGREE OF BACHELOR OF SCIENCE IN ELECTRICAL
ENGINEERING**

FRESHMAN YEAR

Identical with Civil Engineering Course.

SOPHOMORE YEAR

*Semester-Hour
Credits*

Civil Engineering 4.....	4
Materials of Construction.	
Commerce 33	4
Commercial Law.	
Mathematics 18 or 19.....	6
Calculus.	
Mechanical Drawing 2.....	4
Machine Drawing.	
Mechanical Engineering 1.....	4
Mechanism.	
Civil Engineering 5.....	2
Elementary Surveying.	
Physics 1, 2	10
General Physics; Laboratory Physics.	
Electives	2

JUNIOR YEAR

Applied Mathematics 20, 21, 22.....	12
Mechanics; Hydraulics; Mechanics of Materials.	
Mathematics 31, 32.....	4
Special Topics; Differential Equations.	
Electrical Engineering 2, 4.....	10
Direct Current Theory and Machinery; Laboratory.	
Mechanical Engineering 9, 20.....	8
Laboratory; Thermodynamics.	
Mechanical Engineering 33.....	2
Engineering Economics.	

SENIOR YEAR

Architecture 43	2
Specification Writing.	
Electrical Engineering 21, 22, 23, 24, 26, 27, 29, 30.....	25
Alternating Currents; Electrical Distribution; Elements of Transmission; Electrical Engineering; Laboratory; Hydro-Electric Stations; Electric Railways; Electrical Illumination; Design.	
Mechanical Engineering 10, 30.....	4
Laboratory; Internal Combustion Engines.	
Chemistry 21	2
Technical Analysis.	
Electives	1

MECHANICAL ENGINEERING COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

FRESHMAN YEAR

Identical with the Civil Engineering Course.

SOPHOMORE YEAR

*Semester-Hour
Credits*

Civil Engineering 4.....	4
Materials of Construction.	
Commerce 33	4
Commercial Law.	
Mathematics 18 or 19.....	6
Calculus.	
Mechanical Drawing 2.....	4
Machine Drawing.	
Mechanical Engineering 1.....	4
Mechanism.	
Physics 1, 2.....	10
General Physics; Laboratory Physics.	
Electives	4

JUNIOR YEAR

Applied Mathematics 20, 21, 22.....	12
Mechanics; Hydraulics; Mechanics of Materials.	
Civil Engineering 22.....	3
Structures.	
Mechanical Engineering 9, 20, 23, 24, 32, 33.....	16
Engineering Laboratory; Thermodynamics; Hy- draulic Machinery; Methods of Manufacture; Engineering Administration; Engineering Eco- nomics.	
Electrical Engineering 1.....	4
Engineering Electricity.	

SENIOR YEAR

Architecture 43	2
Specification Writing.	
Chemistry 21.....	2
Technical Analysis.	
Civil Engineering 5.....	2
Elementary Surveying.	
Electrical Engineering 5.....	4
Electrical Laboratory.	
Mechanical Engineering 10, 11, 21, 25, 27, 29, 30, 31, 34	21
Engineering Laboratory; Boilers; Machine Design; Power Plants; Heating and Ventilating; Internal Combustion Engines; Steam Turbines; Refrigeration.	
Electives	4

CHEMICAL ENGINEERING COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

FRESHMAN YEAR	<i>Semester-Hour Credits</i>
Chemistry 4 General Chemistry.	8
English 1 or 2 Rhetoric.	6
Geology 1 Mineralogy.	4
Mathematics 9 or 12 Trigonometry; Analytic Geometry.	6
Mechanical Drawing 1 Mechanical Drawing.	4
Modern Language* French or German.	6
 SOPHOMORE YEAR	
Chemistry 10 Physical Chemistry; Qualitative Analysis.	10
Mathematics 18 or 19 Calculus.	6
Mechanical Engineering 1 Mechanism.	4
Modern Language* French or German.	6
Physics 1 and 2 General Physics.	10

*Students who offer two units of French for entrance take German the Freshman and Sophomore years.

Students who offer two units of German for entrance take German the Freshman year and French the Sophomore year.

Students who offer two units of each language for entrance take French and German, one the Freshman year and the other the Sophomore year.

Students who offer four units of one language for entrance take the other language in both the Freshman and Sophomore years.

	<i>Semester-Hour Credits</i>
JUNIOR YEAR	
Applied Mathematics 20 and 22.....	8
Mechanics; Mechanics of Materials.	
Chemistry 16	8
Organic Chemistry.	
Chemistry 20	8
Quantitative Analysis.	
Chemistry 21	2
Technical Analysis.	
Electrical Engineering 1.....	4
Engineering Electricity.	
Mechanical Engineering 20.....	6
Thermodynamics, Steam Boilers, and Power Plant Accessories.	
SENIOR YEAR	
Applied Mathematics 21.....	4
Hydraulics.	
Architecture 43	2
Specifications.	
Chemistry 30	6
Industrial Chemistry.	
Chemistry 31	6
Chemical Engineering.	
Chemistry 40, 41 and 45, or 40, 45 and 46.....	12
Advanced Inorganic and Organic Chemistry.	
Mechanical Engineering 10.....	2
Mechanical Laboratory.	
Mechanical Engineering 33.....	2
Engineering Economics.	

**CHEMICAL COURSE LEADING TO THE DEGREE OF BACHELOR
OF SCIENCE IN CHEMISTRY**

FRESHMAN YEAR	
Chemistry 4	8
General Chemistry.	
English 1 or 2.....	6
Rhetoric.	
Geology 1	4
Mineralogy.	
History 7 and 8, or 11 and 12.....	6
General European History.	
Mathematics 9 or 12.....	6
Trigonometry; Analytic Geometry.	
Modern Language*	6
French or German.	

SOPHOMORE YEAR		<i>Semester-Hour Credits</i>
Chemistry 10	Physical Chemistry; Qualitative Analysis.	10
Mathematics 18 or 19.....	Calculus.	6
Mechanical Drawing 1.....	Mechanical Drawing.	4
Modern Language*	French or German.	6
Physics 1 and 2.....	General Physics.	10
JUNIOR YEAR		
Chemistry 16	Organic Chemistry.	8
Chemistry 20	Quantitative Analysis.	8
Chemistry 21	Technical Analysis.	2
Chemistry 23	Chemical Microscopy.	4
Chemistry 30	Industrial Chemistry.	6
Modern Language*	French or German.	6
SENIOR YEAR		
Chemistry 27	Qualitative Organic Analysis.	3
Chemistry 28	Quantitative Organic Analysis.	3
Chemistry 40 and 41.....	Advanced Inorganic Chemistry.	8
Chemistry 45 and 46.....	Advanced Organic Chemistry.	8

*Students who offer two units of French for entrance take French the Freshman year and German the Sophomore and Junior years.

Students who offer two units of German for entrance take German the Freshman year and French the Sophomore and Junior years.

Students who offer two units of each language for entrance take one year of French and two years of German.

Students who offer four units of one language for entrance take the other language the Freshman and Sophomore years, and elect six semester-hour credits the Junior year.

<i>Senior Year—cont'd</i>	<i>Semester-Hour Credits</i>
Chemistry 47 Stereo-Chemistry.	4
Chemistry 49 History of Chemistry.	2
Elective	6

**COURSE IN ARCHITECTURE LEADING TO THE DEGREE OF
BACHELOR OF ARCHITECTURE**

FRESHMAN YEAR

Architecture 1, 2, 3, 4, 5, 8, 10.....	22
Architectural Drawing; Elementary Antique; Elements of Architecture; Shades and Shadows; Elementary Design; History of Architecture; Principles of Composition.	
Mechanical Drawing 8.....	2
Descriptive Geometry.	
Mathematics 15	6
Analytic Geometry and Calculus.	
English 1 or 2.....	6
Rhetoric.	

SOPHOMORE YEAR

Architecture 6, 7, 9, 11, 14, 20, 21.....	24
Advanced Antique; Architectural Design; Principles of Planning; Historic Ornament; History of Architecture; Building Construction.	
Physics 3	6
General Physics.	
French 3 or 4.....	6

JUNIOR YEAR

Architecture 22, 24, 25, 26, 30, 31, 33, 42.....	24
Mechanical Equipment; Pen and Ink; Architectural Design; Life Class; Historic Ornament; Water Color; Office Practice.	
Applied Mathematics 23.....	6
Statics and Mechanics of Materials.	
Economics 1 or 2.....	6
Principles of Economics.	

SENIOR YEAR

Architecture 27, 28, 34, 35, 45, 46, 47.....	32
Architectural Design; History of Art; Life Class; Modeling; Professional Relations; Architectural Humanities; Architectural Design.	

**PHYSICAL SCIENCE COURSE LEADING TO THE DEGREE OF
BACHELOR OF SCIENCE IN PHYSICS**

FRESHMAN YEAR	<i>Semester-Hour Credits</i>
Chemistry 1, 4.....	8
General Chemistry.	
English 1 or 2.....	6
Rhetoric.	
French or German.....	6
Mathematics 9 or 12.....	6
Trigonometry and Analytic Geometry.	
Mechanical Drawing 1, 8.....	6
Mechanical Drawing and Descriptive Geometry.	
SOPHOMORE YEAR	
Chemistry 10	10
Physical Chemistry and Qualitative Analysis.	
French, German or Spanish.....	6
Mathematics 18 or 19.....	6
Calculus.	
Mechanical Engineering 1.....	4
Mechanism.	
Physics 1, 2.....	10
General Physics and Laboratory Physics.	
JUNIOR AND SENIOR YEARS	
Chemistry 15	6
Organic Chemistry.	
Commerce 33	4
Commercial Law.	
Economics 1 or 2.....	6
Principles of Economics.	
Mathematics 31, 32.....	4
Special Topics, Differential Equations.	
Physics 20, 22, 23.....	18
Mechanics and Heat, Electricity and Magnetism, Sound and Light.	
Physics 25	8
Advanced Laboratory Physics.	
Electives	26

Note: Schedules for the Junior and Senior years should be arranged by conference with the Physics Department, and must be approved by that department.

SPECIAL STUDENTS

Most of the courses of instruction are open to mature students of suitable attainments who wish, without reference to any degree, to pursue special studies. Candidates must submit credentials showing that they are familiar with the subjects preliminary to the studies which they wish to pursue.

REGISTRATION PROCEDURE AND PAYMENT OF FEES

See pages 39-43.

TEACHERS COLLEGE

Teachers College provides a four years' college course. The first two years are devoted to a foundation of general culture courses, and the last two to professional courses and to specialization in the subjects which the student expects to teach. The schedule of courses is arranged so as to meet the convenience of both full-time and part-time students. By attending afternoon and Saturday classes, teachers in the schools of Washington and vicinity may complete all the requirements for a degree without giving up their positions.

ADMISSION

Candidates for admission to the Freshman Class must meet the general admission requirements (p. 24) of fifteen units. *Three of these must be in English, one in Algebra, one in Plane Geometry, and two in one of the following languages: Latin, Greek, French, German, or Spanish.* The remainder of the required fifteen units may be satisfied by any accredited secondary subjects.

All persons capable of satisfying the entrance requirements are admitted as regular students. Others may be admitted as *special students* to certain classes on the presentation of evidence that they are qualified to pursue the work to advantage.

ADVANCED STANDING

Students transferring from normal schools, colleges, and other schools of similar rank will be admitted to such advanced standing as the courses they have pursued warrant. Graduates of normal schools with two-year courses resting upon graduation from an approved four-year high school are granted forty-eight semester hours of advanced standing. No college credit is given for secondary school work.

REQUIREMENTS FOR GRADUATION

On the completion of courses of study amounting to at least 126 semester hours, the University confers the degree of Bachelor of Arts and a Bachelor's Diploma in Education. A minimum of twenty-four semester hours of work must be completed in residence. Summer School work may be counted on residence, but in no case may the periods of attendance aggregate less than twenty-four weeks.

Amount of Work.—Fifteen hours a week constitute a normal program of work. More than eighteen hours may not be taken except by special permission justified by unusual circumstances.

Quality of Work.—Two-thirds of the minimum number of semester hours required for graduation must be passed with the grade of "C" or higher. The following grades are given: A, 96-100; B, 90-95; C, 80-89; D, 70-79; E, conditioned; F, failure; and I, incomplete. A course that has been failed must be repeated in order to be credited. A "condition" may be removed by a reexamination within one year.

"With Distinction."—Graduation "With Distinction" is recommended by vote of the Faculty as follows: The names of all students who have received a mark of at least B (90) on courses representing at least sixty (60) per cent of the work completed by them are referred by the Dean to the Faculty who, after consideration of each case, designate those deemed most worthy of being awarded their degrees "With Distinction."

REQUIRED SUBJECTS	Semester Hours
Biological Science	6
English	12
Foreign Language	12
History	12
Psychology	6
Philosophy	6
Principles of Education and Teaching.....	4
History of Education.....	3
Observation and Practice Teaching.....	6
Electives in Education.....	9

A foreign language must be carried through the second college year of the language, or equivalent, while in history it is required that a survey of the world's history be obtained.

Before graduation a student must complete a minimum of twenty-four semester hours of work in a major field. The candidate's choice of studies comprising the major shall be subject to the approval of the major department. Courses of an elementary or introductory character may not be counted as satisfying the twenty-four-hour requirement for a major unless specifically approved by the major department. The major must be chosen by the beginning of the junior year. At least thirty semester hours of work must consist of second and third section courses.

SUGGESTED PROGRAMS FOR THE FRESHMAN AND SOPHOMORE YEARS

FRESHMAN YEAR		<i>Semester Hours</i>
Botany or Zoology.....	6	6
English 1 or 2.....	6	6
Foreign Language	6	6
History	6	6
Elective	6	6
		—
		30
SOPHOMORE YEAR		
English 5 or 7.....	6	6
Foreign Language	6	6
History	6	6
Psychology	6	6
Elective	6	6
		—
		30

NORMAL SCHOOL GRADUATES

Graduates of approved normal schools may satisfy the requirements in Education by the completion of twelve semester hours of work, exclusive of the six semester hours of credit granted for successful teaching experience. The requirements in the general subjects may be waived to the extent that corresponding courses have been completed in the normal school. The unsatisfied requirements in these fields should be determined in consultation with the Dean.

EXPERIMENTAL WORK

Teachers College maintains a psychological laboratory for introductory experimental work. The equipment is specially adapted to the investigation of problems of interest to students of education.

The school system of a large city, moreover, offers abundant opportunity for observation and for the study of methods and other practical educational problems.

TEACHERS' APPOINTMENT BUREAU

Teachers College maintains a Teachers' Appointment Bureau for the purpose of aiding students who are studying, or have studied, in the University, to secure positions as teachers. This service is performed gratuitously, in the interest of both students and of superintendents of schools and boards of education wishing to employ teachers.

SCHEDULE OF CLASSES IN COLUMBIAN COLLEGE AND TEACHERS COLLEGE

	<i>Course</i>	<i>Monday, Wednesday, Friday</i>	<i>Instructor</i>	<i>Room</i>
9.05	Economics 1A.....	Principles of Economics.....	Young	C. H. 34
	Education 20.....	Principles of Teaching.....	Ruediger	4-21
	English 7.....	Types of Literature.....	Croissant	6-12
	English 45.....	Advanced Composition.....	Bement	6-21
	French 1A.....	First Year French.....	Protzman	C. H. 32
	German 1A.....	First Year German.....	Gropp	C. H. 22
	History 7, 8.....	European History.....	Ragatz	C. H. 29
	History 36.....	U. S. Diplomatic History.....	Bemis	6-22
	Mathematics 3A.....	Alg., Geom., Trig.....	Hodgkins, H. G.	5-11
	Mathematics 5.....	Alg., Trig.....	Borden	C. H. 25
	Phys. Ed. 1.....	Hygiene and Gym.....	Hopkins	C. H. 33
	Pol. Sci. 1, 3A.....	U. S. Govt., State Govts.....	Hill	C. H. 27
	Spanish 1A.....	First Year Spanish.....	Deibert	C. H. 37
10.05	Economics 1B.....	Principles of Economics.....	Young	C. H. 34
	Education 22, 24.....	History of Education.....	Powers	C. H. 24
	English 32.....	Shakespeare.....	Wilbur	4-27
	English 33.....	Drama Since 1660.....	Croissant	6-12
	French 3A.....	Second Year French.....	Henning	5-21
	German 1B.....	First Year German.....	Gropp	C. H. 22
	German 20.....	Literature.....	Sehrt	4-24
	History 9.....	American History.....	Bemis	6-22
	Mathematics 9A.....	Trig., Analytic Geom.....	Erwin	4-21
	Mathematics 9B.....	Trig., Analytic Geom.....	Borden	C. H. 25
	Philosophy 25, 27.....	Logic, Ethics.....	Ruediger	4-23
	Phys. Ed. 1.....	Hygiene and Gym.....	Hopkins	C. H. 33
	Pol. Sci. 1, 3B.....	U. S. Govt., State Govts.....	Hill	C. H. 27
	Pol. Sci. 23, 40.....	U. S. City Govt., Juris.....	Tillema	C. H. 35
	Spanish 1C.....	First Year Spanish.....	Protzman	C. H. 32
11.50	Spanish 3A.....	Second Year Spanish.....	Doyle	C. H. 17
	Spanish 3C.....	Second Year Spanish.....	Corliss	C. H. 36
	Borany 21.....	Evolution.....	Griggs	6-11
	Economics 29, 34.....	Banking, Internat. Finance.....	Sutton	C. H. 31
	English 27.....	Anglo-Saxon.....	Anderson	6-22
	French 3C.....	Second Year French.....	Deibert	C. H. 37
	French 3D.....	Second Year French.....	Foster	C. H. 15
	French 40.....	Modern Fiction.....	Henning	5-21
	German 3.....	Second Year German.....	Gropp	C. H. 22
	Greek 2.....	Xenophon, etc.....	Smith	4-32
	Library Science 2A.....	Classification.....	Schmidt	4-29

DEPARTMENT OF ARTS AND SCIENCES

<i>Course</i>	<i>Monday, Wednesday, Friday</i>	<i>Instructor</i>	<i>Room</i>
Mathematics 3B	Alg., Geom., Trig.	Hodgkins, H. G.	5-11
Physics 1A	General Physics	Cheney	4-14
Phys. Ed. 1	Hygiene and Gym	Hopkins	C. H. 33
Pol. Sci. 1, 3C	U. S. Govt., State Govts.	West	C. H. 27
Pol. Sci. 1, 3D	U. S. Govt., State Govts.	Tillema	C. H. 34
Psychology 11	Psychology	Moss	C. H. 29
Sociology 20A	Sociology	Kern	C. H. 24
Spanish 5	Third Year Spanish	Doyle	C. H. 17
2.00 Commerce 24A	Commercial Geography	Donaldson	6-21
Civil Eng. 1A, 20A	Surveying	French	4-31
Education 32	Tests	Rose	C. H. 27
German 7	Third Year German	Sehrt	4-24
Home Economics 1, 5	Food Economics	Denton	10-13
Latin 1	Livy, etc.	Smith	4-32
Physics 3A	Introductory Physics	Brown	4-14
3.00 Commerce 38, 40	Transportation	Donaldson	6-21
Greek 1	Herodotus, etc.	Smith	4-32
Home Econ. 13, 15	Clothing	Hyde	10-21
4.00 English 36	Neo-Classical Movement	Croissant	6-12
French 5	19th-17th Century	Henning	5-21
French 23	18th Century Lit.	Deibert	C. H. 37
History 3, 4	European History	Swisher	5-22
Latin 2	Cicero, etc.	Smith	4-32
Physics 52	Mathematical Physics	Cheney	4-14
Spanish 24	Drama	Doyle	C. H. 17
5.10 Art 25	Oriental Art	Brigham	2-11
Botany 21B	Evolution	Griggs	6-11
Chemistry 10	Physical Chemistry	Van Evera	C. H. 39
Commerce 44	Int. Econ. Relations	Donaldson	6-21
Economics 24, 25	Econ. Theory and Problems	Kern	C. H. 35
Economics 35, 33B	Corporation Finance, etc.	Sutton	C. H. 17
Education 25	The High School	Powers	C. H. 25
English 2	Rhetoric	Wilbur	C. H. 1
English 31	Drama to 1642	Bolwell	C. H. 25
English 47	Journalism	Chace	C. H. 33
French 2A	First Year French	Deibert	C. H. 37
French 7A	Conversation	Beneteau	C. H. 31
French 26	Lit. from 1750 to 1850	Henning	5-21
German 2A	First Year German	Gropp	C. H. 22
German 21	Literature	Sehrt	4-24
History 10	American History	Bemis	6-22
History 25	English History	Churchill	5-22
Home Econ. 2, 6	Food Economics	Denton	10-13
Home Econ. 14, 16	Clothing	Hyde	10-21

SCHEDULE OF CLASSES

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<i>Course</i>	<i>Monday, Wednesday, Friday</i>	<i>Instructor</i>	<i>Room</i>
Mathematics 12A	Trig., Analytic Geom.	Hodgkins, H. G.	5-11
Mathematics 18A	Calculus	Hodgkins, H. L.	4-21
Philosophy 22	Principles of Philosophy	Richardson	C. H. 23
Philosophy 26, 28	Logic, Ethics	Ruediger	4-27
Physics 22	Light and Sound	Brown	4-14
Pol. Sci. 2, 4A	U. S. Govt., State Govts.	West	C. H. 27
Pol. Sci. 34	Near East	Panaretoff	C. H. 22
Pol. Sci. 35	Far East (2nd Semester)	Bishop	C. H. 22
Psychology 12	Psychology	Moss	C. H. 29
Spanish 2A	First Year Spanish	Foster	C. H. 15
Spanish 4A	Second Year Spanish	Corliss	C. H. 36
Spanish 6	Third Year Spanish	Jones	4-23
Spanish 7A	Conversation	Vazquez	9-21
Spanish 50	Old Spanish	Doyle	7-11
Zoology 1	Invertebrates	Bartsch	4-34
Zoology 3	Pre-Medical Course	Bartsch	5-12
6.05 Botany 1, 2E	General Botany	Bowman	6-11
Botany 20	Flowering Plants	Griggs	2-21
Chemistry 30	Industrial Chemistry	Brattain	4-23
Civil Eng. 1B, 20B	Surveying	French	4-32
Commerce 24B	Commercial Geography	Donaldson	6-21
Economics 2	Principles of Economics	Sutton	6-12
English 6	Literature	Bolwell	C. H. 29
English 24	American Literature	Smith, A. L.	C. H. 32
English 39, 40	Wordsworth, Browning	Wilbur	C. H. 1
French 2B	First Year French	Foster	C. H. 15
French 8	Conversation	Beneteau	C. H. 31
German 2B	First Year German	Blume	C. H. 22
History 26	History of the West	Churchill	5-22
History 44	History of France	Ragatz	C. H. 22
Library Science 2B	Classification	Schmidt	4-29
Mathematics 12B	Trig., Analytic Geom.	Hodgkins, H. G.	5-11
Philosophy 24	History of Philosophy	Richardson	C. H. 23
Physics 3B	Introductory Physics	Brown	4-14
Pol. Sci. 2, 4B	U. S. Govt., State Govts.	Tillema	C. H. 34
Pol. Sci. 2, 4C	U. S. Govt., State Govts.	West	C. H. 27
Psychology 31	Psychological Tests	Moss	C. H. 17
Spanish 2B	First Year Spanish	Corliss	C. H. 36
Spanish 8	Advanced Conversation	Vazquez	9-21
Zoology 2	Vertebrates	Bartsch	3-11
Tuesday, Thursday, Saturday			
9.05 Economics 35, 33A	Corporation Finance, etc.	Sutton	C. H. 31
English 5	Literature	Bolwell	C. H. 29
French 1B	First Year French	Protzman	C. H. 32

DEPARTMENT OF ARTS AND SCIENCES

<i>Course</i>	<i>Tuesday, Thursday, Saturday</i>	<i>Instructor</i>	<i>Room</i>
French 1C	First Year French	Deibert	C. H. 34
German 1C	First Year German	Sehrt	4-24
History 5, 6	Ancient History	Kayser	5-22
History 38, 46	Revolutionary Europe	Ragatz	6-22
Philosophy 21	Principles of Philosophy	Richardson	C. H. 23
Spanish 1B	First Year Spanish	Foster	C. H. 15
10.05 Economics 1C	Principles of Economics	Young	C. H. 34
English 1	Rhetoric	Wilbur	C. H. 1
English 30	Renaissance	Bolwell	C. H. 22
French 3B	Second Year French	Foster	C. H. 15
History 30	American Constitutional	Churchill	5-22
Italian 1	First Year Italian	Doyle	C. H. 17
Mathematics 24, 25	Theory of Equations, etc.	Erwin	4-21
Philosophy 23	History of Philosophy	Richardson	C. H. 23
Pol. Sci. 24	Constitutional Law, etc.	West	C. H. 27
Spanish 3B	Second Year Spanish	Protzman	C. H. 32
11.50 English 38	Romantic Movement	Smith, A. L.	C. H. 32
History 28	English History	Churchill	5-28
Latin B	Cicero and Virgil	Smith	4-32
Library Science 1A	General Introduction	Schmidt	4-29
Mathematics 19	Calculus	Hodgkins, H. L.	4-29
Pol. Sci. 1, 3E	U. S. Govt., State Govt.	West	C. H. 27
Spanish 1D	First Year Spanish	Corliss	C. H. 36
5.10 Chemistry 3	General Chemistry	McNeil	C. H. 39
Commerce 26, 43	Marketing, Foreign Trade	Young	C. H. 35
English 8	Types of Literature	Croissant	6-12
English 28	Middle English	Anderson	C. H. 24
Ethnology 20	General Introduction	Michelson	4-27
French 2C	First Year French	Foster	C. H. 15
French 4A	Second Year French	Kramer	5-21
French 4C	Second Year French	Cullom	6-11
French 7B	Conversation	Benereau	C. H. 31
German 4	Second Year German	Gropp	C. H. 22
German 8	Third Year German	Sehrt	4-24
History 11, 12	European History	Ragatz	C. H. 29
History 13, 14	Ancient History	Kayser	5-22
Mathematics 15	Calculus, Anal. Geom.	Borden	C. H. 25
Mathematics 18B	Calculus	Erwin	4-21
Physics 1B	General Physics	Cheney	4-14
Physics 53, 54	X-rays, Atomic Structure	Hunt	10-22
Pol. Sci. 2, 4D	U. S. Govt., State Govts.	Tillema	C. H. 34
Pol. Sci. 27, 28	International Relations	Hill	C. H. 27
Psychology 14	Psychology	Solnitzky	6-22
Psychology 40, 44	Social Psychology	Middleton	5-11

SCHEDULE OF CLASSES

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<i>Course</i>	<i>Tuesday, Thursday, Saturday</i>	<i>Instructor</i>	<i>Room</i>
Spanish 2C.....	First Year Spanish.....	Doyle	C. H. 17
Spanish 4B.....	Second Year Spanish.....	Corliss	C. H. 36
Spanish 4C.....	Second Year Spanish.....	Protzman	C. H. 32
Spanish 7B.....	Conversation.....	Vazquez	9-21
Statistics 45.....	Elements.....	Phillips	C. H. 23
6.05 Chemistry 31.....	Engineering Chemistry.....	Bratrain	4-23
Commerce 1, 2.....	History of Commerce.....	Young	C. H. 35
English 9.....	Composition.....	Bement	6-21
English 42.....	Literature Since 1890.....	Baker	C. H. 17
French 2D.....	First Year French.....	Kramer	5-21
French 4B.....	Second Year French.....	Cullom	6-11
French 4D.....	Second Year French.....	Deibert	C. H. 37
French 6.....	17th-19th Century Lit.....	Protzman	C. H. 32
German 6.....	Second Year German.....	Gropp	C. H. 22
History 31, 32.....	Modern European History.....	Swisher	5-22
Library Sciencee 1B.....	General Introduction.....	Schmidt	4-29
Mathematics 4B.....	Alg., Trig.....	Borden	C. H. 25
Mathematics 6B.....	Alg., Geom., Trig.....	Wallis	C. H. 15
Mathematics 12C.....	Trig., Anal. Geom.....	Hodgkins, H. G.	5-11
Mathematics 54.....	Functions.....	Erwin	4-21
Physics 23.....	Electricity and Magnetism.....	Cheney	4-14
Pol. Sci. 2, 4E.....	U. S. Govt., State Govts.....	Tillema	C. H. 34
Pol. Sci. 29, 30.....	International Law.....	Hill	C. H. 27
Spanish 2D.....	First Year Spanish.....	Corliss	C. H. 36
Tuesday and Thursday			
9.05 Chemistry 15A, 16A.....	Organic Chemistry.....	Mackall	C. H. 37
Education 33.....	Women and Education.....	Rose	C. H. 27
Greek B.....	Homer.....	Smith	4-32
Physics 2, 4.....	Laboratory Physics.....	Brown	4-11
10.05 Latin 20.....	Tacitus.....	Smith	4-32
11.50 Astronomy 1.....	Popular Astronomy.....	Erwin	4-23
Chemistry 2A, 4A.....	General Chemistry.....	McNeil	C. H. 39
Commerce 33A.....	Commercial Law.....	Alden	C. H. 29
Public Speaking 1A.....	Public Speaking.....	Farnham	C. H. 33
2.00 Greek 21.....	Demosthenes.....	Smith	4-32
3.00 Physics 2, 4.....	Laboratory Physics.....	Brown	4-11
4.00 Art 23.....	Renaissance Art.....	Bibb	4-28
Classical Lit. 21.....	Greek Literature.....	Smith	4-32
Education 21.....	Principles.....	Ruediger	4-21
English 26.....	History of the Language.....	Anderson	C. H. 24
5.00 } to } 8.00 }	Preventive Med. 36 Public Health.....	Rogers	2-11
	Botany 23B..... Plant Anatomy.....	Bowman	2-21

DEPARTMENT OF ARTS AND SCIENCES

<i>Course</i>	<i>Tuesday and Thursday</i>	<i>Instructor</i>	<i>Room</i>
5.10 Archaeology 53.....	Archaeology.....	Carroll, Mrs.	C. H. 22
Botany 51.....	Seminar.....	Griggs	2-23
Chemistry 15B, 16B.....	Organic Chemistry.....	Mackall	C. H. 37
Chemistry 40.....	Advanced Inorg. Chemistry.....	Mason	C. H. 45
Education 26.....	Elementary Education.....	Davis	4-34
Education 40.....	Vocational Guidance.....	Scott	6-21
Education 50.....	Seminar.....	Ruediger	4-23
Home Economics 28.....	Nutrition.....	Denton	10-13
Psychology 36.....	Mental Hygiene.....	Richmond	2-11
Public Speaking 1B.....	Public Speaking.....	Farnham	C. H. 33
Sociology 20B.....	Sociology.....	Kern	5-12
Sociology 36.....	Case Work.....	Dinwiddie	2-11
6.05 Architecture.....	History of Architecture.....	Bibb	4-28
Chemistry 2B, 4B.....	General Chemistry.....	McNeil	C. H. 39
Chemistry 47.....	Stereo-Chemistry.....	Hill	C. H. 47
Commerce 33B.....	Commercial Law.....	Alden	C. H. 29
Economics 27, 26.....	Banking, Finance.....	Kern	5-12
Education 52.....	Seminar.....	Powers	C. H. 31
7.30 Statistics 47.....	Advanced Course.....	Phillips	C. H. 23

Monday and Wednesday

9.05 Botany 1, 2A.....	General Botany.....	Bowman	6-11
10.05 Botany 1, 2B.....	General Botany.....	Bowman	6-11
11.50 Chemistry 1A.....	Elem. General Chemistry.....	McNeil	C. H. 39
2.00 Botany 1, 2C.....	General Botany.....	Griggs	6-11
3.00 Art 23.....	Mediaeval Art.....	Bibb	4-28
Botany 1, 2D.....	General Botany.....	Griggs	6-11
5.10 Chemistry 35.....	Physical Chemistry.....	McNeil	C. H. 32
Chemistry 45.....	Advanced Org. Chemistry.....	Mackall	C. H. 34
Ethnology 51.....	North American.....	Michelson	6-32
6.05 Chemistry 1B.....	Elem. General Chemistry.....	McNeil	C. H. 39

Monday and Friday

9.05 Economics 43, 44.....	Trusts, Labor Problems.....	Kern	C. H. 35
4.20 Geology 12.....	Engineering Geology.....	Henderson	4-34
5.10 Geology 1A.....	Mineralogy.....	Bassler	4-35
Geology 20.....	Economic Geology.....	Bassler	4-34
Geology 24.....	Geography.....	Resser	4-34
6.05 Geology 2.....	General Geology.....	Bassler	5-12
Geology 1B.....	Mineralogy.....	Bassler	4-35
Mathematics 31, 32.....	Special Topics.....	Borden	C. H. 25

SCHEDULE OF CLASSES

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<i>Course</i>	Wednesday and Friday	<i>Instructor</i>	<i>Room</i>
5.10 Architecture 28.....	Painting and Sculpture.....	Bibb	4-28
Chemistry 38.....	Biochemistry.....	Roe	1335 H St.
6.05 Architecture 8.....	History of Architecture.....	Bibb	4-28
7.00 Chemistry 38.....	Biochemistry.....	Roe	1335 H St.
Tuesday			
5.10 Architecture 31, 14.....	Historic Ornament.....	Bibb	4-28
7.30 Psychology 50.....	Seminar.....	Moss	10-22
Wednesday			
5.10 Geology 6.....	Human Geography.....	Resser	5-12
6.05 Geology 3.....	Geography.....	Resser	5-12
7.00 Philosophy 51.....	Seminar.....	Richardson	C. H. 23
Thursday			
3.00 Latin 22.....	Latin Composition.....	Smith	4-32
7.30 Psychology 54.....	Test Construction.....	Moss	10-22
Friday			
6.05 Zoology 23.....	Ornithology.....	Bartsch	9-22
Saturday			
9.05 } Education 23.....	School Hygiene, etc.....	Hopkins	C. H. 33
to } Education 27, 28.....	Administration, Supervision.....	Powers	C. H. 24
11.00 } Education 29.....	Child Psychology.....	LaSalle	C. H. 1
12.15 } History 54.....	Seminar Work.....	{ Swisher and Kayser	A 11
to } 2.15			
5.10 Physics 59, 60.....	Least Squares.....	Van Orstrand	4-23
Monday, Tuesday, Wednesday			
7.30 Physics 2, 4.....	Laboratory.....	Brown	C. H. 33

COURSES OF INSTRUCTION PROVIDED BY THE DEPARTMENT OF ARTS AND SCIENCES

Courses of instruction are divided into three sections.

First section courses may be taken by third or fourth year students only by permission of the Dean and the professor in charge of the subject. They may sometimes be recommended to graduate students, but are not counted toward the higher degrees. The courses in the second section are in general for advanced students, candidates for the Bachelor's degree; if they have not already counted for a Bachelor's degree, they may, with additional work, count for a higher degree, provided that the permission of the Dean of the School of Graduate Studies is obtained at the beginning of the course. They may be taken by students in the second year of their course only by special permission of the professor in charge. The courses in the third section are in general for graduate students only, candidates for one or the other of the higher degrees. They are open to undergraduates only on the recommendation of the instructors, and no undergraduate student shall take in one year more than one course in the third section. When an announced course has not been applied for by at least three students, candidates for a degree, the instructor may withdraw the course. First section courses are numbered 1 to 19, inclusive; second section courses, 20 to 49, inclusive; third section courses, 50 and upwards. The number of hours, unless otherwise specified, indicate hours per week throughout the year. The unit of credit is one hour of recitation or lecture work per week for one semester; laboratory hours in chemistry and drawing count one-third unit each, in other subjects one-half unit each. Laboratories and drawing rooms will be open from 9.15 a. m. till 10 p. m., with competent assistants in charge to direct students. No student is admitted to a course unless he fulfills all the preliminary requirements for the course, or otherwise satisfies the instructor that he is prepared to pursue it. Every student must make his election of courses so as to avoid conflict between the hours appointed for recitations.

Under each course is stated the number of credits for which the course is counted toward satisfying the requirements for the undergraduate degrees of Bachelor of Arts and Bachelor of Science, or for the graduate degrees of Master of Arts and Master of Science, or for the graduate degree in engineering.

APPLIED MATHEMATICS

Second Section. For Undergraduates and Graduates.

20. *Analytical and Applied Mechanics.*—(1) Statics: including composition, resolution and equilibrium of forces; center of gravity;

moment of inertia. (2) Kinematics and kinetics; including rectilinear, curvilinear and rotary motion; dynamics of machinery; work and energy; friction; impact. Section A—Monday, Wednesday, Thursday and Friday, 10.05 a. m.; Section B—Monday, Wednesday, Thursday and Friday, 5.10 p. m., first semester. Four semester-hour credits. Prerequisites: Math. 18 or 19; Physics 1 or 3.

21. *Hydraulics*.—The theoretical principles of hydraulics: including hydrostatics, flow through orifices, over weirs, through pipes and in open channels, and the dynamic pressure of water. Section A—Tuesday, 10.05 a. m. and Friday, 9.05 a. m.; Section B—Tuesday and Saturday, 5.10 p. m. Four semester-hour credits. Prerequisites: Physics 1 and Math. 18 or 19. Assistant Professor RANDOLPH.

22. *Mechanics of Materials and Theory of Elasticity*.—Elastic and ultimate strength and deformation; simple, cantilever and continuous beams; shear, riveted joints, torsion, columns, resilience, combined stress, curved beams and hooks; theories of elastic limit and failure. Section A—Monday, Wednesday, Thursday and Friday, 10.05 a. m.; Section B—Monday, Wednesday, Thursday and Friday, 5.10 p. m., second semester. Four semester-hour credits. Prerequisite: Ap. Math. 20.

23. *Statics and Mechanics of Materials*.—Course intended primarily for Architects. Graphic statics, composition, resolution and equilibrium of forces; center of gravity; moment of inertia; beams and columns; design of trusses. Two lectures and one drawing period a week. Six semester-hour credits. Prerequisite: Math. 15; Physics 3.

ARCHITECTURE

1. *Architectural Drawing*.—Correct use of drafting instruments; mechanical and freehand lettering, and mechanical drawing with pen and pencil of architectural subjects. Theory and application of mechanical perspective. Practical problems in stone jointing, wall sections, stone finishes and finishing tools. Section A—Monday at 9.05 a. m.; Section B—Tuesday at 7.30 p. m. Two semester-hour credits. Throughout the year. Mr. ALBERT.

2. *Elementary Antique*.—A beginner's course in freehand drawing. Individual instruction is given from the antique in the elements of charcoal drawing, sketching and anatomy. No preparatory qualification is required. Students showing the required proficiency at the end of the first semester are eligible to enroll in Architecture 6. Section A—Monday and Thursday at 2.00 p. m.; Section B—Monday and Friday at 7.30 p. m. Four semester-hour credits. Mr. WIESZ.

3. *Elements of Architecture*.—A drafting room course for the study of the architectural elements including: the treatment of wall surfaces, mouldings, balustrades, arcades, doors, windows and the five classical

orders with their proper intercolumniation and superposition. The running of water color washes and practice in rendering simple architectural subjects. Section A—Tuesday, Wednesday and Thursday at 9:05 a. m.; Section B—Monday, Tuesday and Thursday at 7:30 p. m. Three semester-hour credits. First semester. Mr. ALBERT.

4. *Shades and Shadows*.—Principles of descriptive geometry methods of casting the conventional shades and shadows used in architectural design. Prerequisite: Mechanical Drawing 8. Section A—Wednesday and Friday at 2:00 p. m.; Section B—Tuesday and Thursday at 7:30 p. m. Two semester-hour credits. Second semester. Mr. ALBERT.

5. *Elementary Design*.—A drafting room course given by means of individual instruction and personal criticism at the drafting board. Rendered problems involving the treatment and use of the classical orders and the simpler architectural forms are prepared by the student. These problems are developed from the preliminary sketch or esquisse prepared by the student in the first nine hours after the program has been issued without any assistance or advice. This course serves to acquaint the student with the procedure in studying the architectural problem, with the general application of the principles of composition and with the methods of rendering architectural projects. Major problems or analytiques of from two to six weeks' duration and minor problems or esquisse-esquisses of nine hours' duration. Prerequisite: Architecture 3 and 4, or may be taken concurrently with Architecture 4. Section A—Tuesday, Wednesday, Thursday and Friday at 9:05 a. m.; Section B—Monday, Tuesday, Wednesday and Thursday at 7:30 p. m. Four semester-hour credits. Second semester. Mr. ALBERT.

6. *Advanced Antique*.—Preparatory for entrance into the life class. Instruction is given from the antique in advanced problems of light and shade, sketching and anatomy. A successful completion of the course in Architecture 2 or the attainment of the same proficiency in drawing at any other school is the requirement to enter this class. Any student showing the required proficiency at the end of the first semester is eligible to enroll in Architecture 30. Prerequisite: Architecture 2. Section A—Monday and Thursday at 2:00 p. m.; Section B—Monday and Friday at 7:30 p. m. Four semester-hour credits. Mr. WIESZ.

7. *Architectural Design*.—A drafting room course for the study and presentation of the plans, elevations and sections of small buildings as developed from the esquisse prepared by the student in the first nine hours after the stated program has been issued. Personal criticisms are given by the design staff and special attention is given to the correlation of the plans, elevations and sections of buildings

as well as the relation of the various elements in each to one another. The choice and application of architectural decoration is stressed and the principles of planning are applied with a study of the poche, mosaics, entourage and other embellishments used in academic presentations. Major problems or projets of from two to six weeks' duration and minor problems or esquisse-esquisses of nine hours' duration. Prerequisite: Architecture 5. Four semester-hour credits. First semester. Mr. ALBERT.

8. *History of Architecture*.—The development of the art in ancient Egypt, in Greece and Rome and through the Mediæval period. Wednesday and Friday at 6:05 p. m. Four semester-hour credits. Professor BIBB.

9. *Architectural Design*.—Continuation of Architecture 7. Prerequisite: Architecture 7. Four semester-hour credits. Second semester. Mr. ALBERT.

10. *Principles of Composition*.—A study of composition for architectural design including a discussion of taste, beauty, appreciation, refinement; expression by mass, proportion and line. The typical motives of buildings including the treatment of walls, lintels, arches, columns, piers, vaults, and fenestration with exercises in actual composition. Prerequisite: Architecture 2 or must be taken concurrently with Architecture 2. Monday at 6:05 p. m. One semester-hour credit. First semester. Professor CRANDALL.

11. *Principles of Planning*.—A study of plan composition including the different types of plans, plan presentation and indication, poche, mosaics, entourage and the analysis of the program with exercises in plan composition. Prerequisite: Architecture 5 and 10. Thursday at 5:10 p. m. One semester-hour credit. First semester. Professor CRANDALL.

14. *Historic Ornament*.—Lectures on the periods and styles of Ancient, Mediæval and Oriental ornament with drawings in line and water color from examples selected as typical. This course serves to acquaint the student more intimately with the architectural ornament of that phase of the History of Architecture covered in Architecture 8. Prerequisite: Architecture 8. Tuesday at 5:10 p. m. One semester-hour credit. Second semester. Professor BIBB.

15. *Modeling*.—Modeling in clay from casts of Architectural ornament and fragments of antique sculpture. This course serves to acquaint the student with architectural details as they are developed in three dimensions. Two semester-hour credits. Throughout the year. (Not given in 1926-27.)

Second Section. For Undergraduates and Graduates.

20. *History of Architecture*.—A study of the Architecture of the Renaissance in its relation to Ancient and Modern Architecture. Pre-

requisite: Architecture 8. Tuesday and Thursday at 6:05 p. m. Four semester-hour credits. Professor BIBB.

21. *Building Construction*.—Methods of construction: wood frame, steel frame, concrete frame and masonry. Building Materials: A study of their properties and their logical use in Architectural construction. Specifications: Construction considered with reference to the practical requirements of the various trades, and with reference to carrying out the full intent of the designer. Details of construction: A study of three-quarter inch scale and full size drawings of actual buildings showing the practical application of such drawings. Superintendence: Occasional visits to buildings actually under construction. Building codes and zoning regulations: A study of the use of such codes and regulations and their effect on building construction, safety requirements and requirements for light and ventilation. Prerequisite: Architecture 5 or equivalent. Freshmen will not be admitted to this course. Monday, Wednesday and Friday at 5:10 p. m. Six semester-hour credits. Mr. JUSTEMENT.

22. *Mechanical Equipment of Buildings*.—Lectures on the fundamental problems involved in the mechanical equipment of buildings. Water: Contamination of sources, storage and distributing systems. Sanitation: City and suburban disposal of sewage, sewage farms, septic tank, filter bed, and sub-soil treatment of sewage. Plumbing: Installation of modern plumbing systems. Heating: Determination of heat losses; steam, hot water, furnace and plenum systems. Ventilation: Quantity of air required and apparatus used for ventilating schools, churches, auditoriums. Elevators, lifts and dumbwaiters: Electrical, hydraulic and hand-power installations. Refrigerating systems: Character of apparatus and layout of piping; refrigerating coils, and drainage of refrigerating boxes. Inspection trips covering typical installations of building equipment. Prerequisite: Architecture 21 (or may be taken concurrently with Architecture 21). Tuesday and Thursday at 5:10 p. m. Two semester-hour credits. Second semester. Professor HARRIS.

24. *Pen and Ink*.—A study of the renderings of the best pen and ink draftsmen, with practice in the use of the pen for architectural rendering. Prerequisite: Architecture 6. One semester-hour credit. Professor CRANDALL.

25. *Architectural Design*.—A drafting room course in which architectural problems are solved in a nine-hour esquisse and the final drawings developed in strict conformity with it. Rendered problems in the design of plans, elevations and sections of buildings of a more formal and extended nature are prepared with the personal criticism of the design staff. Informal discussions and conferences with the purpose of analyzing and studying existing examples similar to the

current problem are held. The presentation of an archaeology problem may be required of the student in this course. Major problems of from two to six weeks' duration and minor problems of from nine to twelve hours' duration. Prerequisite: Architecture 9. Six semester-hour credits. *First semester. Professor CRANDALL.

26. *Architectural Design*.—A continuation of Architecture 25 and similar in nature but extended to include the study of simple group planning. Major problems of from two to five weeks' duration and minor problems of from nine to twelve hours' duration. Prerequisite: Architecture 25. Six semester-hour credits. *Second semester. Professor CRANDALL.

27. *Architectural Design*.—An intensive and progressive study of the design and rendered presentation of the plans, elevations and sections of the large and important types of public and semi-public buildings and groups of buildings. The treatment of extensive entourage in plan, elevation and section is given especial study. Major problems of from two to five weeks' duration and minor problems of from nine to twelve hours' duration. Prerequisite: Architecture 26. Eight semester-hour credits. *First semester. Professor CRANDALL.

28. *History of Sculpture and Painting*.—An advanced course offering a comparative study of the development of art as the expression of civilization; an outline of the lives of great artists and a critical analysis of their achievements. Wednesday and Friday at 5:10 p. m. Four semester-hour credits. Professor BIBB.

30. *Life Class*.—Drawing from the nude model and anatomical study. Friday at 7:30 p. m. Prerequisite: Architecture 6. Two semester-hour credits. Assistant Professor BAKER.

31. *Historic Ornament*.—Lectures on the periods and styles of Renaissance and Modern ornament with drawings in line and water color from examples selected as typical. This course serves to acquaint the student more intimately with the architectural ornament of that phase of the History of Architecture covered in Architecture 20. Prerequisites: Architecture 14 and 20. Tuesday at 5:10 p. m. One semester-hour credit. First semester. Professor BIBB.

33. *Water Color*.—Drawing and painting in water color from still life and outdoor sketching. Prerequisite: Architecture 6. Section A—Thursday at 2:00 p. m.; Section B—Friday at 7:30 p. m. Two semester-hour credits. Assistant Professor BAKER.

34. *Advanced Life Class*.—Drawing from the nude in preparation for painting, anatomical study and composition for mural decoration. Monday and Friday at 7:30 p. m. Prerequisite: Architecture 30. Four semester-hour credits. Assistant Professor BAKER.

35. *Advanced Modeling*.—Modeling in clay from Antique sculpture and the living model. Special attention will be given to the com-

position of architectural and sculptural groups and the developing of models from the two dimensioned sketch. Methods of producing sculptural detail and groups in various mediums will be discussed. Prerequisite: Architecture 15 and 30. Throughout the year. Four semester-hour credits. (Not given in 1926-27.)

42. *Office Practice*.—Exercises in the drafting room to illustrate the principles which govern the preparation of working drawings, details and specifications. Plans of executed work will be examined and discussed, and visits made to buildings under construction. Prerequisite: Architecture 21. Section A—Tuesday and Thursday at 9:05 a. m.; Section B—Monday and Wednesday at 7:30 p. m. Four semester-hour credits. Mr. ALBERT.

43. *Specifications*.—The content, form and English used in the best specifications and a study of standard specifications for various types of design and construction. (For Engineering students.) Prerequisite: First semester of C. E. 22 or M. E. Two semester-hour credits. Professor HARRIS.

45. *Professional Relations*.—Lectures on the ethics of the profession of Architecture. Relations of the architect to the owner and contractor. Contracts, legal documents. Preliminary estimates for buildings, legal responsibility of the architect for estimates. Land values and their relation to cost of proposed building. Promotion and investment operation and revenue. Regular lectures supplemented by talks by experts. Prerequisite: Economics 1. Thursday at 5:10 p. m. One semester-hour credit. First semester. Professor HARRIS.

46. *Architectural Humanities*.—Lectures by speakers of distinction in different fields not strictly architectural, but so related to architecture as to be of value to students about to assume their professional responsibilities. Written reports will be required on all lectures announced on the bulletin board as a part of this course. Prerequisite: Architecture 26 and 42. Tuesday at 5:10 p. m. Two semester-hour credits. Throughout the year. Registration first semester only.

47. *Architectural Design*.—A continuation of Architecture 27 for the first half of the semester. In preparing the academic grade for the course, the first half will be counted as four semester-hour credits. For the last half of this course, the student may choose any type of large building or group of buildings he desires and after receiving the consent of the design staff, write his own program and prepare complete presented drawings in the same manner as would be done in the modern architect's office. Materials must be investigated and chosen for use throughout the building, all mechanical equipment determined upon and proper spaces left for installation, the type of construction determined, etc. The student will then be given a limited time to explain his projet to the jury and be ready to defend and

justify every phase of the design. This second half of the semester's work will count as five semester-hour credits. Prerequisite: Architecture 27 and all pertinent work through the Junior year. Nine semester-hour credits. *Second semester. Professor CRANDALL.

Third Section. Primarily for Graduates.

50. *Graduate Design*.—Hours and credits to be arranged. Professor CRANDALL.

51. *Advanced Construction*.—Hours and credits to be arranged. Mr. JUSTEMENT.

52. *Seminar in History of Architecture*.—Hours and credits to be arranged. Professor BIBB.

53. *Advanced Painting and Composition*.—Credits to be arranged. Assistant Professor BAKER.

ART AND ARCHAEOLOGY

ART

Second Section. For Graduates and Undergraduates.

22. *Ancient and Mediaeval Art*.—Lectures, assigned readings, written reports. Monday and Wednesday at 3:00 p. m. Four semester-hour credits. Professor BIBB.

23. *Renaissance and Modern Art*.—Lectures, assigned readings and written reports. Tuesday and Thursday at 4:00 p. m. Four semester-hour credits. Professor BIBB.

25. *Oriental Art*.—A careful study of art motives with attention to literary impulses and history of China, Japan, India and Persia. An investigation of monuments and temples remaining today, with examples of the graphic and plastic arts of those countries. Illustrated lectures, gallery visits, and assigned readings, with special attention to some problem of research. Collections of the Freer Gallery and individual connoisseurs will be employed, with occasional visits to museums of other cities. Monday, Wednesday and Friday at 5:10 p. m. Six semester-hour credits. Dr. BRIGHAM.

ARCHAEOLOGY

Third Section. Primarily for Graduates.

Archaeology is one of the subjects that deals with the development of man and his environment, arts and life, before and after history begins. Prehistory contributes to the better understanding of history.

* For part-time students, the work in Architecture 25, 26, 27, and 47 will be divided up between the first and second semesters and will therefore extend throughout the year. Credit will be given only for the entire course; therefore part-time students must register the first semester. Many of the problems issued by the Beaux Arts Institute of Design in New York City will be included in the work of the design courses and although these problems will be sent to the New York judgments, academic credit will be determined by the University judgment.

Archaeological research restores to modern man the treasures of the past.

53. *Archaeology*.—This course will include a survey of Central European Archaeology with special reference to recent discoveries in Czechoslovakia. The region of Central Europe offers a remarkable field for the study of ancient man from the Paleolithic Period on through the Bronze and Iron Ages, connecting with the earliest civilizations and historic times. Lectures will be illustrated by lantern slides, photographs, collections. Tuesday and Thursday at 5:10 p. m. Four semester-hour credits. Mrs. MITCHELL CARROLL.

(Use is made of the illustrative material in the National Museum, the Library of Congress and the Corcoran Gallery of Art. Students are invited to the open meetings of the Art and Archaeology League, and the Washington Society of the Archaeological Institute of America.)

ASTRONOMY

First Section. Primarily for Undergraduates.

1. *Popular Astronomy*.—A course in elementary descriptive astronomy, designed to give facts of general interest without the use of higher mathematics. Recitations, lectures and papers on special topics assigned to each student. Tuesday and Thursday, 11:50 a. m. Four semester-hour credits. Professor ERWIN.

ASTROPHYSICS

Third Section. Primarily for Graduates.

54. A lecture course on the astrophysical instruments employed in modern research. Six semester-hour credits. Mr. FOWLE.

55. Some applications of Astrophysics, Geophysics, Chemical Physics and Colloidal Physics to Meteorology. Six semester-hour credits. Mr. FOWLE.

56. Some interrelations between Astrophysics, Geophysics, Atomic Physics and Colloidal Physics. Six semester-hour credits. Mr. FOWLE.

BACTERIOLOGY AND CLINICAL MICROSCOPY

Second Section. For Undergraduates and Graduates.

20. *Bacteriology*.—General bacteriology; bacteriological technic; preparation of culture media; methods of sterilization and disinfection; routine study of about ten non-pathogenic bacteria; cultural; microscopical and serological study of about forty pathogenic organisms. Students are also taught the preparation of vaccines, agglutinating, hemolytic and other immune sera, commonly employed in diagnosis, including the Wassermann Reaction. Moulds, yeast, spoilage of food and contamination of water are also considered, together

with methods for qualitative and quantitative estimation. This course consists of forty-eight lectures and quizzes, and ninety-six hours in the laboratory. Special tuition fee, \$60.00. Dr. HUNTER.

22. *Clinical Microscopy and Parasitology*.—A course covering the technic for counting red and white blood cells, various methods of hemoglobin estimation, differential counting of white blood cells; study and recognition of malarial parasites and other blood parasites, and a consideration of the latest procedures in Hematology; microscopic examination of sputum, spinal fluid, exudates, etc. Microscopic study of the sediments of normal and pathologic urines, stomach contents, feces, including a systematic study of animal parasites and life histories, which are of interest from a medical standpoint, beginning with the protozoa and passing through the helminths and arthropods. The venomous animals and their venoms are also studied and the problems of immunity in this group are discussed. The significance and value of these findings as applied to pathology and diagnosis are considered. Hours, seventy-two; didactic, twenty-four; laboratory, forty-eight. Special tuition fee, \$36.00. Dr. HUNTER.

23. *Pathology and Pathologic Technic*.—This course includes a resume of normal Histology and Embryology so correlated as to show the structural units of the human and animal body morphologically and developmentally and their relationship to each other in the construction of tissues and organs to constitute a proper basis for the study of Pathology. This is followed by a study of General Pathology, covering inflammation, repair, degenerations, the effect of plant and animal parasites on the body, the effects of physical and chemical agents and the formation of new growths. Special pathology of the organs and of the specific diseases is also considered. The laboratory work consists of a study of the various methods of preservation, fixation, cutting, staining, mounting and preparation of pathologic tissues, including the paraffin, celloidin and freezing procedures, and microscopic examinations. The microscopic study is supplemented by material from the operating room, post-mortem and museum specimens, thus affording a knowledge of both gross and microscopic pathology. Hours, seventy-two; didactic, twenty-four; laboratory, forty-eight. Special tuition fee, \$36.00. Dr. HUNTER.

BOTANY

First Section. For Undergraduates.

A student intending to major in Botany is advised to take Course 4 along with 1 and 2 the first year, follow with 20 or 23 and 24 the second year and with 21 the junior year. He should take work in Botany during one or more of his summer vacations. He should acquire a reading knowledge of French and German and choose among his electives, Chemistry, Geology, Physics and Zoology.

Courses 1 and 2 in General Botany aim to present in orderly fashion such a knowledge of the vegetable kingdom, as everyone needs to understand plants, their mode of life and their bearing on human affairs. Especial attention is given to metabolism, response, adaptation, inheritance and similar aspects of General Biology applicable alike to both plants and animals. Text: Holman and Robbins' Text-book of General Botany.

1. *The Living Plant*.—A study of the structure and function of the flowering plant as a working mechanism. Section A—Monday and Wednesday, 9:05 a. m., Mr. BOWMAN; Section B—Monday and Wednesday, 10:05 a. m., Mr. BOWMAN; Section C—Monday and Wednesday, 2:00 p. m., Professor GRIGGS; Section D—Monday and Wednesday, 3:00 p. m., Professor GRIGGS; Section E—Monday, Wednesday, Friday, 6:05 p. m., Mr. BOWMAN. Laboratory: Monday, 3:00-5:00 p. m.; Tuesday, 3:00-5:00 p. m.; Wednesday, 3:00-5:00 p. m.; Thursday, 3:00-5:00 p. m.; Friday, 9:05-11:05 a. m., 3:00-5:00 p. m., 6:05-8:00 p. m. Three semester-hour credits. First semester.

2. *The Plant Kingdom*.—A rapid survey of the principal groups of plants followed by practice in determining the common native plants. Prerequisite: One semester's work in college biology. Schedule as in Botany 1. Second semester. Three semester-hour credits.

4. *Field Botany*.—First-hand study of the local flora, designed to familiarize the student with the native plants and with methods of field study, including the identification of plants. An excursion Saturday afternoon is followed by a laboratory period Monday, 3:00-5:00 p. m. Second semester. Two semester-hour credits. Professor GRIGGS and Mr. BOWMAN.

Second Section. For Graduates and Advanced Undergraduates.

20. *Flowering Plants*.—A survey of selected groups of angiosperms chosen to give the student an understanding of the evolution and natural relationships of the class together with practice in identifying unknown plants. Prerequisite: Botany 1 and 2. Lecture, Wednesday, 6:05 p. m. Laboratory, Monday and Friday, 5:10-6:50 p. m. The year. Six semester-hour credits. Professor GRIGGS.

21. *Evolution*.—Assigned readings, lectures and discussion of evolution, genetics, eugenics and other fundamental problems of biology. Text: Newman: Readings in Evolution, Genetics and Eugenics. Prerequisite: One year's work in College Botany, Ethnology, Geology or Zoology. Section A—Monday, Wednesday and Friday, 11:50 a. m.; Section B—Monday, Wednesday and Friday, 5:10 p. m. The year. Six semester-hour credits. Professor GRIGGS.

23. *Plant Anatomy*.—This course will include both a microscopical study of the structure of flowering plants and the technic of preparing material for study. Each student will make a set of slides for him-

self. Prerequisite: Botany 1. Tuesday and Thursday, 5:00-8:00 p. m. First semester. Two semester-hour credits. Mr. BOWMAN.

24. *Cytology*.—Cell contents, mitosis, fertilization and the reduction division will be studied. Each student will prepare and stain his own material in class. Prerequisite: Botany 1. Three semester-hour credits. Second semester. Mr. BOWMAN.

Third Section. Primarily for Graduates.

50. *Research*.—Open to qualified workers in special fields. Hours and credits to be arranged. Professor GRIGGS and Mr. BOWMAN.

CHEMISTRY

Due to the reorganization of the Department of Chemistry certain courses have been replaced by other courses. Outlines of the displaced courses will be found at the end of each section.

The numbers of other courses have been changed. The following table gives the correspondence between the two systems of numbering.

Old No.	New No.	Old No.	New No.
8	15	34	31
21	20	35	22
26	35	36	24
27	47	36	25
28	38	37	26
29	30	51	65
30	36	57	94
31	23	63	61

A major in Chemistry consists of the following courses: Chemistry 3 or 4, 10, 16 and six semester-hours of elective Chemistry.

For courses leading to the degrees of Bachelor of Science in Chemical Engineering, and Bachelor of Science in Chemistry, see pages 58 and 59.

Credit is not given for one semester's work in courses which continue throughout the year.

First Section. Primarily for Undergraduates.

1. *Elementary General Chemistry*.—A non-professional course for students who do not intend to continue the study of Chemistry. Prerequisite: none. Lectures: Section A—Monday and Wednesday at 11.50 a. m.; Section B—Monday and Wednesday at 6.05 p. m. Laboratory: Monday at 2.00 p. m., or at 7.30 p. m. Six semester-hour credits. Professor MCNEIL, Professor MACKALL, Mr. MASON and Assistants.

2. *General Chemistry*.—A course for students who do not intend to continue the study of Chemistry. Prerequisite: High School Chemistry,

or Chemistry 1. Lectures: Section A—Tuesday and Thursday at 11.50 a. m.; Section B—Tuesday and Thursday at 6.05 p. m. Laboratory: Monday at 2.00 p. m., or at 7.30 p. m. Six semester-hour credits. Professor McNEIL, Professor MACKALL, Mr. MASON and Assistants.

3. *General Chemistry*.—A professional course for engineering and pre-medical students, and those majoring in Chemistry. Prerequisite: none. Lectures: Tuesday and Thursday at 5.10 p. m. Recitation: Friday at 11.50 a. m., or Saturday at 5.10 p. m. Laboratory: Tuesday and Thursday at 2.00 p. m., or at 7.30 p. m. Ten semester-hour credits. Professor McNEIL, Professor MACKALL, Mr. MASON and Assistants.

4. *General Chemistry*.—A professional course for engineering and pre-medical students, and those majoring in Chemistry. Prerequisite: High School Chemistry, or Chemistry 1. Lectures: Section A—Tuesday and Thursday at 11.50 a. m.; Section B—Tuesday and Thursday at 6.05 p. m. Laboratory: Tuesday and Thursday at 2.00 p. m., or at 7.30 p. m. Eight semester-hour credits. Professor McNEIL, Professor MACKALL, Mr. MASON and Assistants.

10. *Physical Chemistry and Qualitative Analysis*.—The laboratory work of the first semester is devoted to Physical Chemistry, and that of the second semester to Qualitative Analysis. Prerequisite: Chemistry 3 or 4. Lectures: Monday, Wednesday and Friday at 5.10 p. m. Laboratory: Tuesday and Thursday at 2.00 p. m., or at 7.30 p. m. Ten semester-hour credits. Mr. VAN EVERA and Assistants.

15. *Organic Chemistry*.—A course for pre-medical students on the Chemistry of Compounds of Carbon. Prerequisite: Chemistry 3 or 4. Lectures: Section A—Tuesday and Thursday at 9.05 a. m.; Section B—Tuesday and Thursday at 5.10 p. m. Laboratory: Tuesday or Thursday at 2.00 p. m., or at 7.30 p. m. Six semester-hour credits. Professor MACKALL, Mr. MASON, Mr. HANN and Assistants.

16. *Organic Chemistry*.—A course on the Chemistry of the Compounds of Carbon for engineering students and those majoring in Chemistry. Prerequisite: Chemistry 3 or 4. Lectures: Section A—Tuesday and Thursday at 9.05 a. m.; Section B—Tuesday and Thursday at 5.10 p. m. Laboratory: Tuesday and Thursday at 2.00 p. m., or at 7.30 p. m. Eight semester-hour credits. Professor MACKALL, Mr. MASON, Mr. HANN and Assistants.

COURSES GIVEN IN 1925-26 REPLACED BY OTHER COURSES

1. *General Chemistry*.—A series of illustrated lectures, accompanied by exercises and tests on theoretical, inorganic, organic and technical chemistry. Six semester-hour credits. Professor McNEIL.

2. *Laboratory Practice*.—A laboratory course for the study of the principles of chemistry and the method of conducting chemical experiment. Four semester-hour credits. Professor McNEIL, Professor MACKALL, Mr. MASON and Assistants.

3. *Preparation and Study of the Properties of Chemical Substances.*—A laboratory course. Four semester-hour credits. Professor McNEIL, Professor MACKALL, Dr. HAMILTON and Assistant.

7. *Qualitative Analysis.*—A laboratory course for the study of the principles of chemistry and an intensive course in qualitative analysis, intended primarily for students in engineering. Four semester-hour credits. Professor McNEIL, Professor MACKALL, Mr. VAN EVERA, Mr. VALAER and Assistant.

8. *Elementary Organic Chemistry.*—A lecture and laboratory course including both the aliphatic and aromatic series of compounds. Two lectures and three hours laboratory work per week. Six semester-hour credits. Professor McNEIL.

9. *Quantitative Analysis.*—A brief laboratory course designed to acquaint the student with the principles of both gravimetric and volumetric methods of analysis. Four semester-hour credits. Professor McNEIL, Professor MACKALL, Mr. VAN EVERA, Mr. VALAER and Assistant.

10. *General Chemistry.*—A course similar to Course 1 but adapted to students who have not had high school chemistry. Six semester-hour credits. Professor MACKALL.

Second Section. For Undergraduates and Graduates.

20. *Quantitative Analysis.*—The principles of Quantitative Analysis, with applications to gravimetric, volumetric, electrolytic and colorimetric determinations. Prerequisite: Chemistry 3 or 4, and 10. Lecture: Tuesday at 6.05 p. m. Laboratory: Monday, Wednesday and Friday at 2 p. m., or at 7.30 p. m. Eight semester-hour credits. Mr. VAN EVERA and Assistants.

21. *Technical Analysis.*—The analysis of engineering materials. Prerequisite: Chemistry 3 or 4, and Physics 1 and 2, or 3 and 4. Laboratory: Friday at 2 p. m., or at 7.30 p. m. Two semester-hour credits. Mr. VAN EVERA and Assistants. Not given in 1926-1927.

22. *Microchemical Analysis.*—A course covering the qualitative analysis of minute quantities of an unknown, special attention being given to crystal form as seen under the microscope. Prerequisite: Chemistry 3 or 4. Laboratory: Thursday at 2 p. m. and 7.30 p. m. Two semester-hour credits. Professor HILL.

23. *Chemical Microscopy.*—A course on the use of the microscope and microscopical methods in chemical work. Prerequisite: Chemistry 3 or 4. Laboratory: Tuesday and Thursday at 2 p. m. and at 7.30 p. m. Four semester-hour credits. Professor HILL.

24. *Applied Microscopy.*—The use of the microscope and its accessories in connection with (a) technical products, (b) vegetable foods and drugs, (c) metallography, (d) petrographic methods, (e) special technique for pre-medical students, or (f) crystallography, as the

student may elect. Prerequisite: Chemistry 3 or 4. Laboratory: Tuesday at 2 p. m. and at 7.30 p. m. Two semester-hour credits. Professor HILL.

25. *Applied Microscopy*.—A more extensive course than Chemistry 24. Prerequisite: Chemistry 3 or 4. Laboratory: Tuesday and Thursday at 2 p. m. and at 7.30 p. m. Four semester-hour credits. Professor HILL.

26. *Colorimetric Analysis*.—A course in Quantitative Analysis by colorimetric methods using the Bock-Benedict colorimeter. First or second semester. Prerequisite: Chemistry 3 or 4, and 20. Laboratory: Tuesday or Thursday at 2 p. m. and at 7.30 p. m. One semester-hour credit. Professor HILL.

27. *Qualitative Organic Analysis*.—The detection of organic compounds based on solubilities and class reactions. First semester. Prerequisite: Chemistry 3 or 4, and 16. Lecture: Monday at 6.05 p. m. Laboratory: Wednesday and Friday at 2 p. m., or Tuesday and Thursday at 7.30 p. m. Three semester-hour credits. Mr. MASON.

28. *Quantitative Organic Analysis*.—The determination of carbon, hydrogen, nitrogen, sulfur, the halogens, etc., in organic compounds. Second semester. Prerequisite: Chemistry 3 or 4, 16 and 20. Lecture: Monday at 6.05 p. m. Laboratory, Wednesday and Friday at 2 p. m., or Tuesday and Thursday at 7.30 p. m. Three semester-hour credits. Mr. MASON.

30. *Industrial Chemistry*.—This course deals with the manufacture of chemicals, and with the application of Chemistry to the arts and industries. Prerequisite: Chemistry 3 or 4; and 16, which, however, may be taken concurrently. Lectures: Monday, Wednesday and Friday at 6.05 p. m. Six semester-hour credits. Assistant Professor BRATTAIN.

31. *Chemical Engineering*.—A course on the methods employed in the industrial application of chemical and engineering principles, including materials used in the construction of apparatus needed in large scale chemical work, the principal types of apparatus and machines, practice in the solution of problems connected with the commercial chemical processes, and design of chemical equipment. Prerequisite: Chemistry 3 or 4, and 16. Lectures: Tuesday, Thursday and Saturday at 6.05 p. m. Six semester-hour credits. Assistant Professor BRATTAIN.

35. *Physical Chemistry*.—A course treating the modern theories of Physical Chemistry. Special attention is given to the ionic theory, electro-chemistry, colloids, mass action and the phase rule. Prerequisite: Chemistry 3 or 4, and 20. Lectures: Monday and Wednesday at 5.10 p. m. Four semester-hour credits. Professor McNEIL.

36. *Physical Chemistry*.—A course of physico-chemical measurements and technique. Prerequisite: Chemistry 3 or 4, and 20. Labor-

atory: Tuesday and Thursday at 2 p. m. and at 7.30 p. m. Four semester-hour credits. Professor HILL.

38. *Biochemistry*.—The physico-chemical processes concerned in the functional activity of the cell and quantitative principles essential for biochemical analysis are thoroughly considered, followed by Physiological Chemistry including the chemistry of carbohydrates, fats, proteins, body tissues, secretions, and the physiological processes, such as the digestion, absorption and assimilation of food, general enzyme action, metabolism, and the fundamental principles of nutrition. Prerequisite: Chemistry 3 or 4, 15 or 16. Lectures: Wednesday and Friday at 5.10 p. m. Laboratory: Wednesday and Friday at 7 p. m. Eight semester-hour credits. Professor ROE.

40. *Advanced Inorganic Chemistry*.—A review of Inorganic Chemistry based on a comprehensive text, a detailed study of the Periodic Law, modern conceptions of the structure of matter as applied to Chemistry, complex metal ammines, and an introduction to the study of colloids. Prerequisite: Chemistry 3 or 4, and 10. Lectures: Tuesday and Thursday at 5.10 p. m. Four semester-hour credits. Mr. MASON.

41. *Advanced Inorganic Chemistry*.—Advanced synthetic inorganic preparations and colloids. Prerequisite: Chemistry 3 or 4, and 10. Laboratory: Wednesday and Friday at 2 p. m. or Tuesday and Thursday at 7.30 p. m. Four semester-hour credits. Mr. MASON.

45. *Advanced Organic Chemistry*.—A study of the more important reactions and theories of Organic Chemistry. Methods of searching the literature and the preparation of bibliographies. Prerequisite: Chemistry 3 or 4, and 16. Lectures: Monday and Wednesday at 5.10 p. m. Four semester-hour credits. Professor MACKALL.

46. *Advanced Organic Chemistry*.—Advanced synthetic organic preparations. Prerequisite: Chemistry 3 or 4, and 16. Laboratory: Tuesday and Thursday at 2 p. m., or Monday and Wednesday at 7.30 p. m. Four semester-hour credits. Professor MACKALL.

47. *Stereo-Chemistry*.—This course deals with the arrangement of the atoms in space from the theoretical standpoint, while the student is taught how to form models by which to illustrate their arrangements. Prerequisite: Chemistry 3 or 4, and 16. Lectures: Tuesday and Thursday at 6.05 p. m. Four semester-hour credits. Professor HILL.

49. *History of Chemistry*.—The historical development of Chemistry with special reference to the work and lives of those who have contributed to its advancement. Prerequisite: Chemistry 3 or 4, 10 and 16. Lecture: Friday at 5.10 p. m. Two semester-hour credits. Professor MACKALL. Not given in 1926-1927.

COURSES GIVEN IN 1925-26 REPLACED BY OTHER COURSES

20. *Qualitative Analysis*.—A laboratory course in the study of properties and reactions of chemical substances, and of the means employed for their detection and identification. Six semester-hour credits. Professor McNEIL, Professor MACKALL, Mr. VAN EVERA, Mr. VALAER and Assistant.

22. *Organic Chemistry*.—Preparation of compounds of the aliphatic and aromatic series. Four semester-hour credits. Professor MACKALL, Mr. MASON and Mr. HANN.

23. *Organic Chemistry*.—Aliphatic and aromatic series. Six semester-hour credits. Professor MACKALL.

24. *Organic Chemistry*.—The aromatic series. Four semester-hour credits. Mr. MASON.

25. *Chemistry of the Carbon Compounds*.—A laboratory course in the preparation and study of the properties of a characteristic series of organic compounds. Eight semester-hour credits. Professor McNEIL, Professor MACKALL, Mr. MASON, Mr. LEPPER and Assistant.

38. *Advanced Organic Preparations*.—Eight semester-hour credits. Mr. HANN.

Third Section. Primarily for Graduates.

60. *Thermodynamics*.—An advanced lecture course treating first, the general principles of Thermodynamics, and second, their applications to chemical investigations. Particular attention is given to those parts of the subject which are indispensable to students of Physical Chemistry. Prerequisite: Physical Chemistry, Physics and Calculus. Six semester-hour credits. Mr. L. H. ADAMS.

61. *Quantum Theory*.—A lecture course dealing with the applications of the quantum theory to physical chemical problems, using as a text W. C. McC. Lewis' System of Physical Chemistry, Vol. III. Physical Chemistry and a working knowledge of calculus prerequisite. Four semester-hour credits. Dr. A. G. LOOMIS. Not given in 1926-27.

62. *Radio-Activity*.—An advanced lecture course treating radioactivity, sub-atomic Chemistry, the structure of the atom, disintegration, etc. Prerequisite: Physical Chemistry and Calculus. Four semester-hour credits. Dr. S. C. LIND.

65. *Advanced Analytical Chemistry*.—The content of this course is adapted to the needs of the individual student. Six semester-hour credits. Professor McNEIL.

90. *Research in Analytical Chemistry*.—Professor McNEIL.

91. *Research in Biochemistry*.—Professor ROE.

93. *Research in Organic Chemistry*.—Professor MACKALL.

94. *Research in Physical Chemistry*.—Professor McNEIL.

SEMINAR.

Reading and weekly discussion of the literature, and reports on the progress of research work. Friday at 7.30 p. m. Conducted by members of the staff.

COURSES GIVEN IN 1925-26 REPLACED BY OTHER COURSES

62. *Physical Chemistry*.—An advanced lecture course giving a survey of the whole subject, including the relations of mass and volume, phase relations, thermochemistry and chemical thermodynamics, chemistry of solutions, and optional chemistry. Elementary physical chemistry and a working knowledge of calculus are prerequisite. Four semester-hour credits. Dr. J. R. ECKMAN.

71. *Physical-Organic Chemistry*.—An advanced lecture course on the fundamental mechanisms of important organic reactions, embodying the evidence from researches on applications of the mass law, reaction velocities, electromotive force, spectrophotometry, conductivity, dilatometry, colloids, oxidation-reduction, and other physical methods. Six semester-hour credits. Professor ACREE.

72. *Physical-Organic Laboratory*.—A course in which accurate practice preliminary to research in chemistry, bacteriology, biological chemistry, and soil studies is obtained. Four semester-hour credits. Professor ACREE.

80. *Physical-Organic Research*.—Investigations in organic chemistry with the aid of physical chemical methods and equipment are offered students desiring the degree of M.S. or Ph.D. in chemistry. Credits correspond to work accomplished. Professor ACREE.

81. *Seminar in Organic and Physical-Organic Chemistry*.—Reading and weekly discussion of original French, German, and other chemical literature, and reports on the progress of research work are required. Hours and credits are arranged to suit the needs of each student. Professor ACREE.

WASHINGTON CHEMICAL SOCIETY
(LOCAL SECTION OF THE AMERICAN CHEMICAL SOCIETY)

Students of Chemistry are invited to attend the meetings of the Chemical Society of Washington. Twelve meetings are held each year in the Assembly Hall of the Cosmos Club.

CHEMICAL SOCIETY OF THE GEORGE WASHINGTON
UNIVERSITY

All students of Chemistry are invited to join the Chemical Society of George Washington University and to take part in its activities. Monthly meetings are held, at which time chemists of national reputation address the Society on timely topics of general chemical interest.

CIVIL ENGINEERING

First Section. Primarily for Undergraduates.

1. *Elementary or Plane Surveying*.—A course for civil engineering students. Lectures, recitations, field work, computations and drafting. Lectures and recitations include the theory, adjustment and use of surveying instruments; the principles and methods of surveying. Field work includes adjustment of instruments, measuring areas, leveling, traverse work, etc. Computation and drafting include reduction of all field work and plotting results. Text-book, Vol. 1 of Surveying, by Breed and Hosmer. Two recitations per week and three hours per week for field and drafting work during the first semester. Section A—Monday and Friday, 2 p. m.; Section B—Monday and Friday, 6.05 p. m. Three semester-hour credits. Professor FRENCH.
2. *Railroad Engineering*.—This course includes recitations, field and drawing-room work. The recitations cover railroad curves and earth-work, methods of location and construction of railway lines. The field work consists of a preliminary and location survey; the laying out of circular and transition curves, etc. The computations and mapping consist of making an estimate of quantities and cost of a piece of line, making maps, profiles and a mass diagram. Two lecture-recitations and one three-hour field or drawing period a week throughout the year. Six semester-hour credits. Prerequisite: C. E. 1. Professor FRENCH.
3. *Highways and Pavements*.—This course comprises the study of highway economics, location, construction and maintenance; the various methods of surfacing; the materials used and the standard tests of these materials. A study is also made of the methods of street paving, street grades, etc. Section A—Tuesday and Thursday, 10.05 a. m.; Section B—Monday and Friday, 5.10 p. m. Four semester-hour credits. Should be taken concurrently with C. E. 1 and 4. Professor FRENCH.
4. *Materials of Construction*.—A course in the study of the properties and uses of gypsum, lime, brick, stone, cement, wood, iron, steel and some of the alloys. The text-book work is supplemented by the assignment of special topics which are prepared and presented to the class and by trips to testing laboratories and manufacturing plants. Two hours a week. Section A—Monday and Wednesday, 9.05 a. m.; Section B—Tuesday and Thursday, 6.05 p. m. Four semester-hour credits. Prerequisite: Chemistry 1. Professor LAPHAM.
5. *Elementary Surveying*.—A course for mechanical and electrical engineering students, covering the use of the compass, transit, and level. Lectures and field exercises. First semester. Two semester-hour credits. Prerequisite: Mathematics 9 or 12. Professor FRENCH.
9. *City Planning*.—Lectures and recitations covering the principles

governing the planning of a modern city. It includes transportation systems, street layout, park and recreation facilities, public buildings, zoning for various purposes, etc. Two hours per week during the first semester. Two semester-hour credits. Captain WOOD.

Second Section. For Undergraduates and Graduates.

20. *Higher Surveying*.—Lectures, recitations, field work, and computation. This course includes the elements of geodesy, triangulation, topography (transit and stadia, plane-table and photographic methods), hydrography, precise and trigonometric leveling, as well as descriptions and use of the instruments used for such work. Field work includes measurement of angles for triangulation, topography by transit and stadia and plane-table methods, including the necessary computations. Breed and Hosmer's *Surveying*, Vol. 2. Two recitations per week and three hours per week for field work during the second semester. Section A—Monday and Friday, 2 p. m.; Section B—Monday and Friday, 6.05 p. m. Three semester-hour credits. Prerequisites: Mathematics 9 or 12 and C. E. 1. Professor FRENCH.

21. *Hydraulic Engineering*.—A study of stream flow, dams, hydraulic motors, and water power plants. Two recitations per week for one semester. Two semester-hour credits. Prerequisite: Applied Mathematics 21. Professor LAPHAM.

22. *Structures*.—A course covering the determination of stresses in simple framed structures and their deflections by graphical and analytical methods. The first term is principally devoted to graphic statics; the second to bridge trusses under uniform and wheel loads. Section A—Tuesday and Thursday, 11.50 a. m., and Tuesday, 2 p. m. to 5 p. m.; Section B—Tuesday and Thursday, 6.05 p. m., and Tuesday, 7.30 p. m. to 10.30 p. m. Six semester-hour credits. (Mechanical Engineering students take only the first term. Three semester-hour credits.) Prerequisites: Physics 1 and Mathematics 18 or 19, and should be taken concurrently with Applied Mathematics 20. Professor HITCHCOCK and Assistant Professor RANDOLPH.

23. *Structures*.—A course covering the determination of stresses in the more complicated framed structures such as arches, drawbridges, cantilever bridges and suspension bridges; also the design of timber and steel roof trusses and buildings; plate girder, riveted and pin-connected bridges; bridge piers and abutments. Tuesday, Thursday and Saturday, 5.10 p. m., and Tuesday and Thursday, 7.30 to 10.30 p. m. Ten semester-hour credits. Prerequisites: C. E. 22 and Applied Mathematics 20 and 22. Professor HITCHCOCK.

24. *Sanitary Engineering*.—Water supply; the collection, storage and distribution of water; the design and construction of dams, reservoirs and storage tanks; construction and maintenance of water dis-

tributing systems; pumping machinery; quality of water; interpretation of water analyses; methods of water purification; the relation of water supply to infectious diseases; the design of a water supply system for a small town.

Sewerage; sewerage and drainage systems; methods of disposal of sewage and trade wastes; treatment of sewage; garbage and refuse disposal; the design of a sewer system for a small town. Three recitations and one design period. Eight semester-hour credits. Prerequisites: Chemistry 1 and Applied Mathematics 21. Professor LAPHAM.

27. *Reinforced Concrete Construction.*—The theory and design of reinforced concrete slabs, beams, columns, foundations and walls; estimating reinforced concrete work; structures of plain concrete and masonry; tests of cement and concrete. Two recitations and one design period. Six semester-hour credits. Prerequisite: Applied Mathematics 22. Professor LAPHAM.

29. *Practical Astronomy.*—This course includes the elements of astronomy covering descriptions of the planes of reference, the various kinds of time used in astronomy with methods of changing from one to another, use of the ephemeris and star catalogues, several methods for determining the latitude, time, longitude and azimuth. Each student is required to make observations to determine latitude, time, longitude and azimuth, and compute the same. Practical Astronomy by Hosmer. Two hours per week during the second semester. Two semester-hour credits. Prerequisites: Mathematics 9 or 12, C. E. 1. Professor FRENCH.

Third Section. Primarily for Graduates.

50. *Reinforced Concrete Structures.*—Theory and design; buildings, bridges, retaining walls, dams, tanks, etc. One lecture and two design periods. Six semester-hour credits. Prerequisite: C. E. 27. Professor HITCHCOCK.

51. *Advanced Steel Structures.*—Theory and design of suspension, cantilever, movable and arch bridges. One lecture and two design periods. Six semester-hour credits. Prerequisite: C. E. 23. Professor HITCHCOCK.

53. *Railroad Engineering.*—An advanced course in railroad location, construction and maintenance of way. It must be preceded by Civil Engineering 2. Six semester-hour credits. Prerequisite: C. E. 2.

54. *Water and Sewage Purifications.*—An advanced course dealing with the practical application of the principles and methods involved in the purification of water supplies and in the disposal and treatment of sewage. One lecture and two design periods. Six semester-hour credits. Prerequisite: C. E. 24.

55. *Geodesy and Geodetic Astronomy*.—The work in Geodesy includes methods of conducting extensive trigonometric surveys, least square adjustment of the observations and all computations usually connected with such work; discussion of the figure of the earth and methods for determination of its dimensions with an application of the theory of isostasy.

The work in Geodetic Astronomy includes the methods of accurate determination of latitudes, longitudes and azimuths on the surface of the earth, and all the computations connected with such work. The course is intended to cover all the approved methods used by the U. S. Coast and Geodetic Survey. Six semester-hour credits.

CLASSICAL LANGUAGES AND LITERATURE

Greek

First Section. Primarily for Undergraduates.

A. *Elementary Course*.—For students who have not taken Greek before matriculating. It aims to cover as much as possible of the entrance requirement in Greek, with the exception of Homer. Monday, Wednesday and Friday, 10.05 a. m. Six semester-hour credits. Professor SMITH. (Not given in 1926-27.)

B. *Homer: Iliad I-IV*.—For students who have taken Course A and desire to prepare themselves to enter Course I. Tuesday and Thursday, 9.05 a. m. Four semester-hour credits. Professor SMITH.

1. Herodotus (selections); Lysias (selected orations); Euripides (Alcestis); Greek prose composition. Monday, Wednesday and Friday, 3 p. m. Six semester-hour credits. Professor SMITH.

2. Xenophon (Memorabilia); Thucydides (Book VII); Sophocles (Antigone). Monday, Wednesday and Friday, 11.50 a. m. Six semester-hour credits. Professor SMITH.

Second Section. For Undergraduates and Graduates.

20. Plato (selections, including the Apology and Crito); Aristophanes (Clouds or Frogs). Tuesday and Thursday, 2 p. m. Four semester-hour credits. Professor SMITH. (Not given in 1926-27.)

21. Demosthenes (selected orations); Lucian (selected dialogues); Homer (selections). Tuesday and Thursday, 2 p. m. Four semester-hour credits. Professor SMITH.

Latin

First Section. Primarily for Undergraduates.

B. *Cicero's Orations and Vergil's Aeneid*.—For students who have satisfied the admission requirements in elementary Latin but have not

done the work specified under the advanced requirements. It will include a thorough study of several of the *Orations* and of selected parts of the *Aeneid*, supplemented by private reading and some practice in the writing of Latin. Tuesday, Thursday and Saturday, 11.50 a. m. Six semester-hour credits. Cannot be counted toward the twenty-four hour requirement for a major in Classics. Professor SMITH.

1. Livy (Book I or XXI); Cicero (*De Senectute*); Horace (*Odes* and *Epodes*); Latin prose composition. Open to students who have satisfied the admission requirements in elementary and advanced Latin, or have satisfactorily completed Course B. Monday, Wednesday and Friday, 2 p. m. Six semester-hour credits. Professor SMITH.

2. Cicero and Pliny (selected Letters); Horace (*Satires* and *Epistles*); Martial (selections). Monday, Wednesday and Friday, 4 p. m. Six semester-hour credits. Professor SMITH.

Second Section. For Undergraduates and Graduates.

20. Tacitus (selections); Terence (*Phormio*); Plautus (*Captivi*). Tuesday and Thursday, 10.05 a. m. Four semester-hour credits. Professor SMITH.

21. Quintilian, Book X, and Horace, *Ars Poetica*; Catullus, Tibullus and Propertius. Tuesday and Thursday, 10.05 a. m. Four semester-hour credits. Professor SMITH. (Not given in 1926-27.)

22. *Advanced Latin Composition and Reading at Sight*.—Practice in Latin expression and style. Thursday, 3 p. m. Two semester-hour credits. Professor SMITH.

Third Section. Primarily for Graduates.

The work in this section is designed to afford discipline in the methods of philological criticism, with special reference to the interpretation of classical authors, and will include opportunities for original research on the part of competent students. In order to make the work as helpful as possible for those who expect to become teachers, the center of study each year will be one of the authors usually taught in the secondary schools. With the approval of the instructor, properly qualified seniors may be admitted to these courses. The authors selected are as follows:

50. *Vergil, and Roman Epic Poetry*.—Two hours. Six semester-hour credits. Professor SMITH. (Not given in 1926-27.)

51. *Caesar and the Roman Historians*.—Two hours. Six semester-hour credits. Professor SMITH.

52. *Cicero, and Roman Oratory*.—Two hours. Six semester-hour credits. Professor SMITH. (Not given in 1926-27.)

Classical Literature

Second Section. For Undergraduates and Graduates.

21. *General Survey of Classical Greek Literature (in English).*—This course is designed to give an outline of the development of the different departments of literature in ancient Greece and will include readings, in translation, from the most important authors. Being primarily intended for students who are not taking Greek or Latin, it does not require a knowledge of those languages, and is open to all undergraduates as an elective. Tuesday and Thursday, 4 p. m. Four semester-hour credits. Professor SMITH.

22. *General Survey of Latin Literature (in English).*—This course is similar in purpose and method to Course 1, and will alternate with it. The subject of study will be the work of the most important ancient Roman authors. Tuesday and Thursday, 4 p. m. Four semester-hour credits. Professor SMITH. (Not given in 1926-27.)

COMMERCE

First Section. Primarily for Undergraduates.

1. *History of Commerce.*—A study of the influence of the processes of commerce and industry upon the history of civilization, and of the development of commercial and industrial institutions from antiquity to the present time; includes consideration of World War changes and post-war problems. Prerequisite: Principles of Economics. First semester. Tuesday, Thursday and Saturday, 6.05 p. m. Three semester-hour credits. Mr. YOUNG.

2. *Industrial and Commercial History of the United States.*—A history of the economic development of the nation and of its latter-day commercial and industrial problems. Prerequisite: Principles of Economics. Second semester. Tuesday, Thursday and Saturday, 6.05 p. m. Three semester-hour credits. Mr. YOUNG.

Second Section. For Undergraduates and Graduates.

24. *Industrial and Commercial Geography.*—Summary of economic aspects of facts and principles of geography; analysis of modern industrial and commercial structure as governed by economic and geographic principles; survey of world's resources, industries and trade; attention given to important markets and sources of raw materials, and to commercial policies. Prerequisite: Principles of Economics. Section A—Monday, Wednesday and Friday, 2 p. m.; Section B—Monday, Wednesday and Friday, 6.05 p. m. Six semester-hour credits. Professor DONALDSON.

26. *Marketing.*—A fundamental course in the principles, methods, and problems of marketing. Wholesale and retail methods are fully

analyzed, and such specific problems as speculation, elimination of middlemen, and price control are examined. The position of the state in its relation to marketing is discussed; and an examination of the cooperative movement concludes the course. Prerequisite: Principles of Economics. Tuesday, Thursday and Saturday, 5.10 p. m. First semester. Three semester-hour credits. Mr. YOUNG.

Public Finance.—See Economics 26 and 30.

Money and Banking.—See Economics 27 and 29.

Banking Operation.—See Economics 31.

Federal Reserve System.—See Economics 33.

International Finance.—See Economics 34.

Statistics.—See Economics 45, 46, and 47.

33. *Commercial and Maritime Law.*—A study of the principles of the law relating to commercial transactions, especially contracts, sales, bailments, agency, partnership, negotiable instruments, and common carriers, with some study of Admiralty law. Section A—Tuesday and Thursday, 11.50 a. m.; Section B—Tuesday and Thursday, 6.05 p. m. Four semester-hour credits. Professor ALDEN.

38. *Principles of Railway Transportation.*—The principles of transportation; the American railway system; organization; labor; finance; combination; government aid, operation and control. Emphasis is placed upon national railway policy. Prerequisite: Principles of Economics. Monday, Wednesday and Friday, 3 p. m. First semester. Three semester-hour credits. Professor DONALDSON.

39. *Principles of Ocean Transportation.*—Nature of ocean transportation; routes, ports and terminals; the carrier; bunkering; cargo; organization; services and rates; mercantile marine policies—government regulation and aid. Prerequisite: Principles of Economics. (Not given in 1926-27.) Three semester-hour credits. Professor DONALDSON.

40. *Railway Traffic and Rates.*—Types of services; organization and management; theory and practice of rate-making; documents and processes in railway traffic; regulation. Prerequisites: Principles of Economics and Principles of Railway Transportation. Monday, Wednesday and Friday, 3 p. m. Second semester. Three semester-hour credits. Professor DONALDSON.

41. *Ocean Traffic and Rates.*—Types of services; organization and management; chartering; rates and finances; marine insurance; papers and documents. Prerequisites: Principles of Economics and Principles of Ocean Transportation. (Not given in 1926-27.) Three semester-hour credits. Professor DONALDSON.

43. *Foreign Trade.*—Principles and practices; underlying economic factors; market development; finance and documentation; regulation and promotion. Special attention is given to an analysis of the trade

of the United States and to a survey of important markets. Prerequisite: Principles of Economics. Tuesday, Thursday and Saturday at 5.10 p. m. Second semester. Three semester-hour credits. Mr. YOUNG.

44. *International Economic Relations*.—A study of world economy; geographic, social, political, legal and territorial factors; the principles and interrelation of international trade, shipping, industry, and finance; international economic agreements and organizations. Includes special analysis of tariff policies and commercial treaties and consideration of spheres of influence and mandates, foreign concessions, international investments, economic aspects of recent world conferences, reparations and reconstruction, and other economic problems and phenomena in foreign affairs. Prerequisite: Principles of Economics. Monday, Wednesday and Friday, 5.10 p. m. Six semester-hour credits. Professor DONALDSON.

46. *Relation of Government to Business*.—A course in politico-economics: the interrelation of political and economic institutions; property and contract; economic individualism versus socialism; the regulation of monopoly, unfair trade practices and public utilities; practical problems in the organization of business and its relation to the public. Prerequisite: Principles of Economics. (Not given in 1926-27.) Six semester-hour credits. Professor DONALDSON.

Third Section. Primarily for Graduates.

54. *Seminar*.—Special study of principles and advanced problems of economics and commerce, involving presentation and round-table discussion of chapters from Masters' and Doctors' theses in course of preparation, and special papers based on original research by advanced students. Required for graduate students in Commerce. For admission to the Seminar, consult instructor. Monday evening. Six semester-hour credits. Professor DONALDSON.

ECONOMICS, SOCIOLOGY, STATISTICS

Economics

First Section. Primarily for Undergraduates.

1. *Principles of Economics*.—An outline course in the basic principles of economics. The following topics suggest the scope of the course: values and prices, organization of industrial enterprise, money and banking, international trade, interest, rent, profits, wages, etc. The study of these fundamentals will be followed by the consideration of several outstanding economic problems such as transportation, agriculture, marketing, taxation, etc. Six semester-hour credits. Section A—Monday, Wednesday and Friday at 9.05 a. m.; Section B—

Monday, Wednesday and Friday at 10.05 a. m.; Section C—Tuesday, Thursday and Saturday at 10.05 a. m. Mr. YOUNG.

2. *Principles of Economics*.—Parallel with Course 1. Six semester-hour credits. Monday, Wednesday and Friday at 6.05 p. m. Associate Professor SUTTON.

Note:—Freshmen are not admitted to 1 and 2 except by special permission of the instructor. Courses 1 and 2 are not included as satisfying the requirement of twenty-four hours' credit for the major.

Second Section. For Undergraduates and Graduates.

Note:—Courses 24, 25, 26, 27, 29, 30, 33, 35 and 41 have as prerequisites 1 and 2. Courses 31, 32 and 34 have as prerequisites 27 or 29 or the equivalent.

24. *The History of Economic Thought*.—A review of the development of economics as a science from the earliest times to the present. Lectures and library readings. First semester. Monday, Wednesday and Friday, 5.10 p. m. Three semester-hour credits. Professor KERN.

25. *Economic Problems*.—An advanced course devoted to a more thorough study of the problems developed in the general course in economics. Research and preparation of papers to be presented to the class for discussion and criticism. Second semester. Monday, Wednesday and Friday, 5.10 p. m. Three semester-hour credits. Professor KERN.

26. *Public Finance*.—A course in the development of budgetary and fiscal methods and principles. The history and tendencies of public expenditure under the Federal and State Governments. The theory of taxation; administration of public domains and industries; public debts. Second semester. Tuesday and Thursday, 6.05 p. m. Two semester-hour credits. Professor KERN.

27. *Money and Banking*.—The history and theory of money; the production of the precious metals; the theory of prices and measurement of price fluctuations; monetary systems; the relation of the Treasury system to our money supply; the theory of credit and banking; the national system of the United States and the banking systems of foreign nations. First semester. Tuesday and Thursday, 6.05 p. m. Two semester-hour credits. Professor KERN.

29. *Money and Banking*.—An introductory course presenting the theory and history of money; basic principles of credit and their application to business through the various types of banking institutions; a general view of banking systems of the world with particular reference to the Federal Reserve system in the United States. First semester. Monday, Wednesday and Friday at 11.50 a. m. Three semester-hour credits. Associate Professor SUTTON.

30. *Public Finance*.—A course designed to survey the principles employed by governments in securing and spending funds required for

operation and development; special emphasis upon taxation, borrowing and budget-making. (Not given in 1926-27.) Second semester. Monday, Wednesday and Friday at 11.50 a. m. Three semester-hour credits. Associate Professor SUTTON.

31. *Banking Operation*.—Operation of various departments of a bank; relations with other banks; administrative problems; selection of business; banking needs of local community; investment management; discount policies. First semester. Monday, Wednesday and Friday at 5.10 p. m. Three semester-hour credits. (Not given in 1926-27.) Associate Professor SUTTON.

32. *Federal Reserve System*.—The principles of central reserve banking; brief history of evolution of the Federal Reserve system; its present organization and operation with emphasis upon the elasticity of its lending power, its selective power, and the effectiveness of its discount and open market operations; the extent to which its facilities are utilized. (Not given in 1926-27.) Second semester. Monday, Wednesday and Friday at 5.10 p. m. Three semester-hour credits. Associate Professor SUTTON.

33. *Investments*.—A course in the underlying principles governing investment. The leading forces in the supply of and demand for capital funds. The analysis of the risk factor. The application of investment credit principles to different kinds of investment issues resulting in the determination of yields. An analysis of the needs of the various classes of private and institutional investors; selection of securities adapted to these needs. The necessary care of investments after making them. Second semester. Section A—Tuesday, Thursday and Saturday, 9.05 a. m.; Section B—Monday, Wednesday and Friday, 5.10 p. m. Three semester-hour credits. Associate Professor SUTTON.

34. *International Finance*.—Basic principles of international credit and exchange with particular reference to the conditions created by the World War; structure of international credit; exchange rates; gold movements; limits of national credit; depreciated currencies; the problem of reestablishing credit and methods employed by European nations to accomplish it; reparations and their economic consequences. Second semester. Monday, Wednesday and Friday at 11.50 a. m. Three semester-hour credits. Associate Professor SUTTON.

35. *Corporation Finance*.—A study of the financial structure and problems of modern business corporations; securities and their variation in risk and control; mergers; receiverships; reorganization. First semester. Section A—Tuesday, Thursday and Saturday at 9.05 a. m.; Section B—Monday, Wednesday and Friday, 5.10 p. m. Three semester-hour credits. Associate Professor SUTTON.

41. *Price Movements and Business Cycles*.—This course begins with a study of the factors determining the general level of prices. Then

the interrelation of price movements to the business cycle and the state of industrial activity will be set forth. Such schemes for stabilizing prices as "managed currency," "the compensated dollar," and "credit control" will be examined. Considerable attention throughout the course will be given to an examination of the various methods employed in forecasting price movements. Lectures, assigned readings and discussions. Second semester. Tuesday, Thursday and Saturday at 5.10 p. m. Three semester-hour credits. (Not given in 1926-27.)

43. *Combinations, Trusts.*—A discussion of the conditions which have favored the growth of large business combinations, the nature of their organization, their influence upon prices and productive efficiency, and the regulation and supervision of them. First semester. Monday and Friday, 9.05 a. m. Two semester-hour credits. Professor KERN.

44. *Labor Problems.*—A brief sketch of the labor movement in the United States and of the aims and methods of trade unions, followed by a discussion of such problems as: child labor; dangerous occupations; workmen's insurance against sickness, old age, accident, and unemployment; strikes and industrial conflicts; conciliation and arbitration; collective bargaining. Second semester. Monday and Friday, 9.05 a. m. Two semester-hour credits. Professor KERN.

Third Section. Primarily for Graduates.

50. *Seminar in Economics.*—A research course for graduate students in Economics. Six semester-hour credits. Hours to be arranged. Given by the staff.

Note:—The attention of the student is called to the courses in marketing, transportation and commerce given in the department of commerce. Credit for these courses to the extent of twelve hours will be included as satisfying the requirement of twenty-four hours' credit for the major in economics.

Sociology

Second Section. For Undergraduates and Graduates.

(Freshmen are not admitted to 20, 22 and 23 except by special permission of the instructor.)

20. *Experimental Sociology.*—The course is devoted mainly to the study of social behavior, customs; and social judgments upon such behavior. The student is expected to join the class in making careful observations of social conduct and in making a series of experiments adapted to the development of a better understanding and improved technics for the control of social conduct. Section A—Monday, Wednesday and Friday at 11.50 a. m. Six semester-hour credits. Section B.—Tuesday and Thursday, 5.10 p. m. Four semester-hour credits. Professor KERN.

22. *General Sociology*.—An outline course in the principles of sociology devoted mainly to an examination of the organization of society and its ideals, with a study of the social systems, their functions, efficiencies and programs for their development. First semester. (Not given in 1926-27.) Tuesday and Thursday, 5.10 p. m. Two semester-hour credits. Professor KERN.

23. *Modern Social Problems*.—A further analysis of modern social conditions with special studies of current questions in sociology. Prerequisite: The course in general sociology. Second semester. (Not given in 1926-27.) Tuesday and Thursday, 5.10 p. m. Two semester-hour credits. Professor KERN.

36. *Social Service Case Work*.—The topics discussed include the field of social case work, investigations, social diagnosis, cooperation, social resources, adaptation of special resources to special needs, recording of case data, methods of reporting, handling of problem cases, housing. A series of case records will be studied to illustrate the processes. Thirty class periods and forty-five hours of field work. Second semester. Tuesday and Thursday at 5.10. Three semester-hour credits. Miss DINWIDDIE.

39. *Delinquency and Crime*.—A study of the causes of delinquency and crime; the make-up of the criminal; popular concepts that have shaped our policies in the past; the history of the care and treatment of offenders, police and court procedure, with special reference to the juvenile court idea; detention; reformatories, jails and prisons; classification of prisoners; probation and parole; modern types of correctional and penal institutions; prison labor; agencies for the prevention of crime; present tendencies and the outlook for the future. Tuesday and Thursday at 6.05 p. m. Second semester. Two semester-hour credits. Miss PIGEON.

Third Section. Primarily for Graduates.

51. *Seminar in Sociology*.—A research course for the detailed investigation of special sociological problems, suitable for those who are engaged in original investigation or in the preparation of a thesis. Hours to be arranged. Six semester-hour credits. Professor KERN.

Note:—The attention of the student is called to the courses in Ethnology. Credit to the extent of twelve hours will be included as satisfying the requirement of twenty-four hours' credit for the major in sociology.

Statistics

Second Section. For Undergraduates and Graduates.

45. Elements of statistical methods, including definition and isolation of the problem, collection of material, classification and tabulation, diagrams and graphs, types, dispersion, correlation, error, pro-

cesses of smoothing, during the first semester. A brief study of index numbers, and an application of elementary statistical methods to some field of inquiry, during the second semester. Tuesday, Thursday and Saturday, 5.10 p. m. Six semester-hour credits. Doctor PHILLIPS.

46. A study of curve fitting in which equations of the first and higher orders are used. Development of formulas for the solution of higher order equations. Regression values and correlation. Partial correlation, total correlation, and regression equations. Correlation ratios and their parabolic and cubic regressions. The probability curve, its use, probable error and tests of reliability. An application of each topic to some statistical problem. Prerequisite: Economics 45 or its equivalent. Tuesday and Thursday, 7.30 p. m. (Not given in 1926-27.) Six semester-hour credits. Doctor PHILLIPS.

47. A preliminary study of the recognized processes of smoothing data for elimination of trend, seasonal effects. Probability distributions and error of sampling. Vital statistics, including enumeration and registration; birth, death, and marriage rates; methods of adjustment, morbidity rates, and the general application of statistical methods to the field of public health. Prerequisite: Economics 45, or its equivalent. Tuesday and Thursday, 7.30 p. m. Six semester-hour credits. Doctor PHILLIPS.

EDUCATION

First Section. Primarily for Undergraduates.

3 or 6. *Junior High School Geography*.—Same as Geology 3, General Geography, and Geology 6, Human Geography, which are especially adapted to the needs of teachers.

Second Section. For Undergraduates and Graduates.

20a. *Principles of Teaching*.—A comprehensive course in the principles underlying the teaching process in its intellectual, emotional and motor phases. Special attention is given to making teaching concrete and meaningful. First semester. Monday, Wednesday and Friday, 9.05 a. m. Three semester-hour credits. Professor RUEDIGER.

20b. *Principles of Education*.—A comprehensive course in the bases, aims, values and essential content of education as revealed by biological, psychological, sociological and ethical principles. Second semester. Monday, Wednesday and Friday, 9.05 a. m. Three semester-hour credits. Professor RUEDIGER.

21a. *Principles of Education*.—A course in the bases, aims, values and essential content of education as revealed by biological, psychological, sociological and ethical principles. First semester. Tuesday and Thursday, 4 p. m. Two semester-hour credits. Professor RUEDIGER.

21b. *Principles of Teaching*.—A course in the psychological and logical principles underlying the teaching process. Second semester. Tuesday and Thursday, 4 p. m. Two semester-hour credits. Professor RUEDIGER.

(Courses 20 and 21 should be preceded or accompanied by general psychology. Course 21 is designed especially for teachers in service.)

22. *History of Education*.—A course in the historical development of educational theory and practice. Special attention is given to the evolution of current ideals and practices. First semester. Monday, Wednesday and Friday at 10.05 a. m. Three semester-hour credits. Assistant Professor POWERS.

23. *School Hygiene and Sanitation*.—The chief topics considered are: The bases of personal and public health; preventive medicine; control of communicable diseases; first aid; health inspection of children; physical defects; corrective exercises; hygienic equipment of schools; school sanitation; physical education; calisthenics for elementary and high school pupils. Saturday, 9.05-11. Four semester-hour credits. Miss HOPKINS.

24. *History of American Education*.—A study of the development of American education from colonial times to the present. Second semester. Monday, Wednesday and Friday at 10.05 a. m. Three semester-hour credits. Assistant Professor POWERS.

25a. *The High School*.—Recent growth in secondary education; aims and functions; types of reorganization; programs of study; classification and guidance; extra-curricular activities; plant; costs; standardization. Monday, Wednesday and Friday at 5.10 p. m. First semester. Three semester-hour credits. Assistant Professor POWERS.

25b. *The Junior High School*.—A study of the special purposes of the junior high school and the appropriate reorganization to achieve them: The program of studies; classification of pupils; types of reorganization; history of the movement. Monday, Wednesday and Friday at 5.10 p. m. Second semester. Three semester-hour credits. Assistant Professor POWERS.

26. *Elementary Education*.—(a) First semester: Principles and practices involved in elementary school teaching, including the kindergarten. (b) Second semester: Experimental schools; research investigations; methods of research; the curriculum. Reading, discussion and reports. Tuesday and Thursday at 5.10 p. m. Four semester-hour credits. Doctor DAVIS.

27. *School Administration*.—Present status and tendencies in organization and administration of school systems with interpretations; problems of administration. First semester. Saturday, 9.05-11.05. Two semester-hour credits. Assistant Professor POWERS.

28. *Supervision*.—The objectives of school supervision; prevailing practices; technique of classroom visitation; improving instruction; stimulating initiative and professional growth; developing esprit de corps; functions of teachers' meetings; teacher rating. Saturday, 9.05-11.05. Two semester-hour credits. Assistant Professor POWERS.

29a. *Psychology of Childhood*.—This course aims to present the facts concerning the nature and development of the mental life of children from early childhood through adolescence and to point out the practical application of these facts to teaching. The contrasts in mental functioning of children and adults will be made in attention, perception, memory, imagination, and thinking. Lectures, discussions, readings and observations. First semester. Saturday, 9.05-11.05. Two semester-hour credits. Miss LA SALLE.

29b. *Effective Study*.—Prevalent weaknesses in study and their causes; mental factors involved; mechanical aids. Finding fundamental ideas, classifying and organizing them; how to attack assignments; the use of syllabi; outlining; summarizing; note taking; memorizing. Special attention is given to supervised study. Second semester. Saturday, 9.05-11.05. Two semester-hour credits. Miss LA SALLE.

32. *Mental and Educational Tests*.—(a) First semester: An introductory course in mental tests; history of testing; nature and application of the various intelligence scales and tests; discussion of the mathematical and statistical theories involved; the giving of tests, scoring results and interpreting the data obtained. (b) Second semester: A study of the principal educational tests now used; the significance of measurement in education; selection and construction of tests and examinations; application and scoring of important standardized tests and tabulation of results. Laboratory fee, \$2.00. Monday, Wednesday and Friday at 2 p. m. Six semester-hour credits. Assistant Professor ROSE.

33. *Women and Social Culture*.—The position and education of women in history; the relation of women to the new economic and social conditions; the nature, opportunities and income of the vocations most frequently entered by university graduates. Limited to twenty students with the permission of the instructor. Prerequisite: General Psychology. Tuesday and Thursday, 9.05. Four semester hours. Assistant Professor ROSE.

34. *Observation*.—Observation of experienced teachers, under guidance, followed by discussion. The course should normally be taken in the junior year. Three semester-hour credits. Assistant Professor POWERS.

35. *Practice Teaching*.—Teaching under supervision and criticism. The course should normally be taken in the senior year. Three semester-hour credits. Assistant Professor POWERS.

40. *Vocational Guidance*.—The object of this course is to provide a working knowledge of the principles and methods recognized and used in the vocational advisement of children and adults. The class work includes demonstration and practical drill in determining the occupational levels of individuals, making and using occupational analyses to determine employment requirements, and the application of tests and criteria to determine the abilities of individuals to meet these requirements.

The material of the course is useful to vocational counselors, teachers, employment managers, personnel officers, and all persons interested in the vocational adjustment of themselves and others. Tuesday and Thursday at 5.10 p. m. (or a double period to be arranged). Four semester-hour credits. Mr. SCOTT.

45. *Statistical Methods*.—Same as Economics 45. Tuesday, Thursday and Saturday at 5.10 p. m. Six semester-hour credits. Doctor PHILLIPS.

Third Section. Primarily for Graduates.

50. *Seminar*.—Topic for 1926-27: Curriculum Construction: A review of the literature on curriculum construction with special reference to underlying principles. A paper embodying constructive scholarship will be required of each member of the class. Tuesday and Thursday at 5.10 p. m. Six semester-hour credits. Professor RUEDIGER.

52. *Seminar*.—Topic for 1926-27: Problems of High School Supervision. A review of supervisory practices in secondary schools; organization of the high school program of studies; syllabus making; selecting textbooks; supervisory use of measurements; devices for rating teachers; teachers' meetings; devices for improving instruction; technique of classroom visitation; organization for supervision. Research problems and reports. Tuesday and Thursday at 6.05 p. m. Six semester-hour credits. Assistant Professor POWERS.

ELECTRICAL ENGINEERING

First Section. Primarily for Undergraduates.

1. *Engineering Electricity*.—General course in Electrical Engineering for non-electrical students, including a study of magnetism, electromagnetism, direct currents, direct current machinery, alternating current theory, alternating current machinery, and the more important applications of direct and alternating currents. The entire scope of electrical engineering is covered as completely as time will permit, including inspection of operating power plants. Prerequisites: Physics 1, 2. Section A—Monday and Wednesday, 9.05 a. m.; Section B—Tuesday and Thursday, 5.10 p. m. Four semester-hour credits. Associate Professor AMES.

2. *Direct Current Theory; Dynamo Machinery, Alternating Current Theory.*—A comprehensive course beginning with magnetism, electromagnetism, theory of direct currents, direct current instruments and machinery, storage batteries, arc lamps and other applications of direct currents.

During the second semester the theory of simple and complex alternating current circuits and the application of complex numbers and vectors are taken up in preparation for alternating current machinery the following year. Problems involving the theory studied are assigned from Lyon's "Problems in Electrical Engineering." Prerequisites: Physics 1, 2; Mathematics 18; Calculus. Section A—Tuesday, Thursday and Saturday, 11.50 a. m.; Section B—Tuesday, Thursday and Saturday, 6.05 p. m. Six semester-hour credits. Mr. ROESER.

4. *Electrical Laboratory.*—A combined course in measurements and dynamo laboratory paralleling the classroom work in E. E. 2. Representative experiments are assigned in the testing of various instruments, motors, generators, arc lamps, fuses and circuit breakers. A complete report covering all work done and results obtained with a discussion thereof is required. This will consist of a preliminary report which must be submitted and approved at least one day prior to performance and a final report showing experimental data and calculated results therefrom with discussion. One laboratory period per week throughout the year. Credit given is based on work done under supervision in the laboratory and outside in the working up of results. Four semester-hour credits. Prerequisite: E. E. 2 or equivalent. Associate Professor AMES and Mr. ROESER.

5. *Electrical Laboratory.*—A course for non-electrical students. Similar to E. E. 4 but embodying experiments in alternating currents and alternating current machinery during the second semester. The same requirements as to reports, procedure, credits, etc., as in E. E. 4 apply. To be taken the year following E. E. 1. Prerequisite: E. E. 1 or equivalent. Four semester-hour credits. Associate Professor AMES.

Second Section. For Graduates and Undergraduates.

21. *Alternating Current Theory and Machinery.*—A continuation of E. E. 2, including a brief review of alternating current theory covered therein and a thorough study of synchronous generators, transformers, synchronous motors, rotary converters, and various asynchronous machines, including single and polyphase induction motors, series and repulsion motors. Problems involving the theory studied are taken from Lyon's "Problems in Alternating Current Machinery."

An insight into actual engineering practice is obtained from current engineering journals and inspection of power plants. Prerequisite:

E. E. 2 or equivalent. Four hours. Eight semester-hour credits. Associate Professor AMES.

22. *Electrical Distribution*.—A course covering the more important phases of the distribution of electricity for light and power, such as systems of distribution, voltage regulation, substations, distribution lines and cables, metering and transformer practice; problems and references to current technical literature on the subject. Prerequisites: E. E. 2, concurrently with E. E. 21. Two hours. First semester. Two semester-hour credits. Doctor MEYER.

23. *Elements of Transmission*.—A course covering the elements of high tension transmission theory and practice for short and long lines, induction and capacitance, charging current, corona, and methods for calculating voltage and power loss in lines, sags, and mechanical construction. Prerequisites: E. E. 2, E. E. 22 and E. E. 21, or concurrently with the latter. Two hours. Second semester. Two semester-hour credits. Doctor MEYER.

24. *Advanced Electrical Laboratory*.—A continuation of E. E. 4 with experiments on alternating current circuits and machinery, including watt hour-meters, transformers, synchronous and asynchronous generators and motors. The same requirements as to reports, performance and other work, and credits as followed in E. E. 4 apply. Prerequisites: E. E. 4 or equivalent; E. E. 21 or concurrently therewith. Associate Professor AMES and Mr. ROESER.

26. *Theory and Practice of Hydro-Electric Stations*.—A course for seniors in Electrical Engineering dealing with present-day theory and practice in Hydro-Electric Engineering, including so much of hydraulics as is essentially applied and electrical equipment required for a complete hydro-electric station and system. Familiarity with development as set forth in accepted current electrical periodicals and journals will be required. Two hours. Second semester. Two semester-hour credits. Prerequisites: App. Math. 21; E. E. 1 or 21, or concurrently therewith. Associate Professor AMES.

27. *Electric Railways*.—A course for seniors in Electrical Engineering covering the theory and practice of modern direct and alternating current railways. Familiarity with development as set forth in accepted current railway journals will be required. Two hours. Second semester. Two semester-hour credits. Prerequisite: E. E. 21 or concurrently. Associate Professor AMES.

29. *Illumination*.—A study of the principles and practices of scientific illumination, exterior and interior. Detailed study is made of various light sources, lamps, shades, reflectors, etc. Two hours. First semester. Two semester-hour credits. Prerequisite: Physics 1 or 3. Mr. ROESER.

30. *Electrical Design*.—A course for Electrical Engineering seniors covering principles of design with reference to materials of construc-

tion, and electrical equipment. Practical exercises are assigned in connection with class-room work. Prerequisite: E. E. 21 or concurrently. Two hours with one three-hour drafting room period. Second semester. Three semester-hour credits. Associate Professor AMES.

Third Section. Primarily for Graduates.

50. *Radio-Electricity*.—A mathematical treatment of the fundamental principles with an exposition of their application to present-day practice. Problems based on the methods used and the apparatus employed in the generation of oscillatory currents; the reception of signals; and other features developed in the utilization of this method of transmission will be discussed. Six semester-hour credits, as a Minor; ten semester-hour credits, as a Major. Professor COHEN.

51. *Transient Electric Phenomena*.—A course introductory to the more advanced problems in electrical engineering practice. Simple transients, distributed line constants, the equations of the transmission line, waves along wires and radiation. The course is based on Steinmetz's "Transient Electric Phenomena and Oscillations." Prerequisites: E. E. 21, 22, 23. Two hours throughout the year. Four semester-hour credits. Doctor MEYER.

ENGLISH

First Section. Primarily for Undergraduates.

1. *English Rhetoric*.—A study of the principles of self-expression through language, with practice in composition. Lectures and Quiz sections. Tuesday, Thursday and Saturday, 10.05 a. m. Six semester-hour credits. Professor WILBUR, Mr. BROSS, Miss ROSE, Mr. SMITH, Dr. ANDERSON and Mr. BAKER.

2. *English Rhetoric*.—Parallel with Course 1. Monday, Wednesday and Friday, 5.10 p. m. Six semester-hour credits. Professor WILBUR and Mr. BROSS.

5. *Survey of English Literature*.—Lectures and Quiz sections. Tuesday, Thursday and Saturday, 9.05 a. m. Six semester-hour credits. Associate Professor BOLWELL, Mr. SMITH, Dr. ANDERSON and Mr. BAKER.

6. *Survey of English Literature*.—Parallel with Course 5. Lectures and Quiz sections. Monday, Wednesday and Friday, 6.05 p. m. Six semester-hour credits. Associate Professor BOLWELL, Mr. SMITH, Dr. ANDERSON and Mr. BAKER.

7. *Types of Literature*.—Lectures and Quiz sections. Monday, Wednesday and Friday, 9.05 a. m. Six semester-hour credits. Professor CROISSANT, Mr. SMITH, Dr. ANDERSON, Mr. BROSS and Mr. BAKER.

8. *Types of Literature*.—Parallel with Course 7. Tuesday, Thursday and Saturday at 5.10 p. m. Six semester-hour credits. Professor CROISSANT, Mr. SMITH, Dr. ANDERSON, Mr. BROSS and Mr. BAKER.

9. *English Composition*.—Tuesday, Thursday and Saturday, 6.05 p. m. Six semester-hour credits. Mr. BROSS.

Second Section. For Undergraduates and Graduates.

Note.—English 5, 6, 7 or 8 is prerequisite for all second-section courses in literature.

23. *The Development of the Novel*.—The evolution of prose fiction from mediæval romance to the modern novel. (Not given in 1926-27.) Six semester-hour credits. Associate Professor BOLWELL.

24. *American Literature*.—Monday, Wednesday and Friday at 6.05 p. m. Six semester-hour credits. Mr. SMITH.

26. *History of the English Language*.—Tuesday and Thursday at 4 p. m. Four semester-hour credits. Dr. ANDERSON.

27. *Anglo-Saxon Grammar and Literature*.—First semester, grammar and prose readings; second semester, *Beowulf* and other poetry. Monday, Wednesday and Friday, 11.50 a. m. Six semester-hour credits. Dr. ANDERSON.

28. *Middle English and Chaucer*.—First semester, twelfth and thirteenth century literature; second semester, Chaucer and his contemporaries. Tuesday, Thursday and Saturday at 5.10 p. m. Six semester-hour credits. Dr. ANDERSON.

30. *Renaissance and Elizabethan Literature*.—Tuesday, Thursday and Saturday at 10.05 a. m. Six semester-hour credits. Associate Professor BOLWELL.

31. *English Drama to 1642*.—From the beginning, exclusive of Shakespeare, to the closing of the theatres. Monday, Wednesday and Friday at 5.10 p. m. Six semester-hour credits. Associate Professor BOLWELL.

32. *Shakespeare* (1).—The first eighteen plays in chronological sequence through King Henry the Fifth. (Not given in 1926-27.)

(3) The Comedies in chronological sequence. Monday, Wednesday and Friday, 10.05 a. m. First semester. Three semester-hour credits. Professor WILBUR.

(4) The Tragedies in chronological sequence. Monday, Wednesday and Friday, 10.05 a. m. Second semester. Three semester-hour credits. Professor WILBUR.

33. *English Drama Since 1660*.—Monday, Wednesday and Friday at 10.05 a. m. Six semester-hour credits. Professor CROISSANT.

36. *The Neo-Classical Movement*.—English literature from 1660 to 1780, exclusive of the drama. Monday, Wednesday and Friday at 4 p. m. Six semester-hour credits. Professor CROISSANT.

38. *The Romantic Movement*.—English poetry and prose of the late eighteenth and early nineteenth centuries. Tuesday, Thursday and Saturday at 11.50 a. m. Six semester-hour credits. Mr. SMITH.

39. *Wordsworth*.—"The Prelude or Growth of a Poet's Mind; an Autobiographical Poem." First semester. Monday, Wednesday and Friday at 6.05 p. m. Three semester-hour credits. Professor WILBUR.

40. *Browning*.—"The Ring and the Book." Second semester. Monday, Wednesday and Friday at 6.05 p. m. Three semester-hour credits. Professor WILBUR.

42. *English Literature Since 1890*.—Tuesday, Thursday and Saturday at 6.05 p. m. Six semester-hour credits. Mr. BAKER.

45. *Advanced Composition*.—Including the Short Story. Monday, Wednesday and Friday at 9.05 a. m. Six semester-hour credits. Mr. BROSS.

46. *Journalism*.—Monday, Wednesday and Friday, 11.50 a. m. Six semester-hour credits. Mr. BROSS.

47. *Journalism*.—The fundamentals of newspaper writing. Monday, Wednesday and Friday, 5.10 p. m. Six semester-hour credits. Mr. CHACE.

Third Section. Primarily for Graduates.

52. *Studies in Elizabethan Literature*.—Open to students only with consent of instructor. Time of meeting to be arranged. Associate Professor BOLWELL.

55. *English Comedy Since 1660*.—This course should be taken only by those who have time to use the Library of Congress. Hours to be arranged. Six semester-hour credits. Professor CROISSANT.

ETHNOLOGY

Second Section. For Undergraduates and Graduates.

20. *General Introduction to Ethnology*.—A general course embracing man's place in nature; ancient man; the elements of physical anthropology; the application of statistical methods to physical anthropology; classification of living races; sociology, religious ideas, ethical ideas, and languages of primitive peoples; the beginnings of literature and art; linguistic survey of the world; ethnological survey of the world; discussion of the problems of independent origins versus diffusion; the classical British, Graebnerian, and American schools. Lectures and collateral readings. Tuesday, Thursday and Saturday, 5.10 p. m. Six semester-hour credits. Professor MICHELSON.

Third Section. Primarily for Graduates.

51. *Outlines of North American Ethnology*.—As full a description of the aborigines of North America as the time will permit. Lectures and assigned readings. Monday and Wednesday, 5.10 p. m. Four semester-hour credits. Students who have not completed Course 20 must consult the instructor before registering for this course. Professor MICHELSON.

52. *American Indian Languages*.—This is an introductory course, and presupposes only a moderate amount of previous linguistic training. After a brief introduction to the subject, two stocks will be studied, one in each semester. Two hours a week. Four semester-hour credits. Professor MICHELSON.

53. *American Indian Languages* (second course).—This is an advanced course, and members must have taken Course 52, unless they have done an equivalent elsewhere. One hour a week. Two semester-hour credits. Professor MICHELSON.

54. *Seminar in Ethnology*.—Competent students will be assigned topics, and the results discussed at a weekly meeting. Six semester-hour credits. Prerequisite: Course 20 with a grade of A or B, or other evidence of previous training satisfactory to the instructor. This course may be taken four times, counting each time. The subject-matter will be changed yearly. This will be in accordance with the needs of individual students. Professor MICHELSON.

FOREIGN TRADE

(See Commerce)

FRENCH

(See Romance Languages)

GEOLOGY AND MINERALOGY

First Section. Primarily for Undergraduates.

1A. *Mineralogy*.—An introductory course treating the subject from the cultural standpoint. The general characters of minerals, their origin, and uses as well as their occurrence, as constituents of rocks and as gems are treated mainly from the practical side. Monday and Friday at 5.10 p. m. Four semester-hour credits. Professor BASSLER and Mr. HENDERSON.

1B. *Mineralogy*.—(Prerequisite Chemistry 1.) This course is designed for students who wish to continue in Mineralogy, Economic Geology or Chemistry. A thorough introduction to systematic crystallography and mineralogy is given. Monday and Friday at 6.05 p. m. Four semester-hour credits. Professor BASSLER and Mr. HENDERSON.

2. *General Geology*.—Systematic geology; dynamical, structural, and stratigraphical. The course is designed to form a part of a general culture course or a preliminary course for those intending to make a specialty of geology. It includes lectures, and field work so far as hours will permit. No course is prerequisite. Text-book: Cleland's Geology. Monday and Friday, 6.05 p. m. Four semester-hour credits. Professor BASSLER and Assistant Professor RESSER.

3. *General Geography*.—An introductory course presenting the general principles of geography. Several countries, including North

America, Australia and India, are studied briefly to illustrate the principles. The course is illustrated with numerous lantern slides. No course is prerequisite. Wednesday at 6.05 p. m. Two semester-hour credits. Assistant Professor RESSER.

6. *Human Geography*.—A general culture course in the newer treatment of geography. Human geography has as its object the study of the relationships between human activity and the phenomena of physical geography. It is of particular value in broadening one's ideas and in the study of such human subjects as History and Sociology. Wednesday, 5.10 p. m. Two semester-hour credits. Assistant Professor RESSER.

12. *Engineering Geology*.—This course is intended primarily for civil engineers and others interested in applied geology. The work covers the general principles of geology with special emphasis upon those relating to engineering problems. The structure of rocks relative to building operations, the controlling factors of water supply, water purification and similar problems are discussed in detail. Text-book: *Engineering Geology* by Ries and Watson. Monday and Friday, 4.20 p. m. Four semester-hour credits. Mr. HENDERSON.

Second Section. For Undergraduates and Graduates.

20. *Economic Geology*.—[Geology 1 and 2 and Chemistry 1 are prerequisite for this course.] The course covers the subjects comprised under: (1) Mineral veins and metalliferous deposits, their mode of occurrence, origin, and classification; (2) the ores of iron, copper, lead, zinc, tin, silver, gold, mercury, antimony, etc; and (3) the non-metallic minerals as the coals and hydrocarbon compounds; salts and minerals used in chemical manufactures; abrasive, refractory, and fertile materials, pigments, gems, ornamental stones, building stones, limes, cements, and mineral waters. Text-book: *Ries' Economic Geology*. Given in alternate years. Monday and Friday, 5.10 p. m. Six semester-hour credits. Professor BASSLER.

22. *Paleontology*.—A course in lecture and laboratory work on the biological and geological relations of the more important types of animals and plants, with especial reference to their value in stratigraphic geology. Six semester-hour credits. Professor BASSLER.

23. *Advanced Historical Geology*.—A lecture, laboratory and field course dealing with the interpretation of earth history as recorded in the physical features of the formations of the earth's crust, the physiographic forms developed upon them and the characteristic life remains present in many of them. Given in alternate years. Six semester-hour credits. Professor BASSLER.

24. *Geography of the Mediterranean Lands*.—Human activities have centered about the Mediterranean Sea since man first developed civili-

zation. Modern geography is concerned with the reactions of man to his surroundings, and this region offers much in explanation of human activities and history. Prerequisite: At least one course in Geography. Four semester-hour credits. Monday and Friday at 5.10 p. m. Assistant Professor RESSER.

25. *Regional Geology* (Geology 2, prerequisite).—An advanced cultural course of lectures and seminar work dealing with the topographic and geologic features of the major physiographic provinces of the world with particular stress upon North America. The relationship of the physiographic and geologic history of the various parts of the world with human development is emphasized. Six semester-hour credits. Professor BASSLER.

Third Section. Primarily for Graduates.

50. (A) *Advanced Geology*; (B) *Mineralogy*; (C) *Paleontology*.—Advanced courses in these subjects may be arranged for competent students. Six semester-hour credits. Professor BASSLER.

51. *Advanced Geography*.—Advanced courses may be arranged in this subject for qualified students. Six semester-hour credits. Assistant Professor RESSER.

GERMANIC LANGUAGES AND LITERATURE

First Section. Primarily for Undergraduates.

1. *Elementary*.—The essentials of German grammar, translation of easy prose and poetry; beginning conversation; composition and dictation. This course is open to beginners, and the work done is equivalent to that of a two years' course in high schools and academies of good standing. Section A—Monday, Wednesday and Friday, 9.05 a. m.; Section B—Monday, Wednesday and Friday, 10.05 a. m.; Section C—Tuesday, Thursday and Saturday, 9.05 a. m. Six semester-hour credits. Mr. GROPP.

2. Parallel with Course 1. Section A—Monday, Wednesday and Friday, 5.10 p. m.; Section B—Monday, Wednesday and Friday at 6.05 p. m. Six semester-hour credits.

3. Selected texts from the best contemporary authors will be read and one or more of the German classics carefully studied. The work in grammar and composition done in elementary German will be continued, with special emphasis on syntax, word-formation, and the relationship of German and English; conversation continued. This course is equivalent to the advanced German of the admission requirements, and it is open only to students who have passed Course 1 or 2, or who have satisfied the admission requirement in elementary German. Monday, Wednesday and Friday, 11.50 a. m. Six semester-hour credits. Mr. GROPP.

4. Parallel with Course 3.—Contemporary German is read during the first semester and classical during the second semester. Tues-

day, Thursday and Saturday, 5.10 p. m. Six semester-hour credits. Mr. GROPP.

6. *Scientific and Technical German*.—Designed primarily for students in the scientific and engineering courses. This course may be taken by students who have passed Course 1 or 2, or who have satisfied the admission requirement in elementary German. Tuesday, Thursday and Saturday, 6.05 p. m. Six semester-hour credits. Mr. GROPP.

7. Advanced course in German syntax; principal difficulties of the language; idioms, synonyms; translations of advanced English prose into German; essays; selected prose; classical and historical reading and literature; advanced science. Open to students who have passed Course 3 or 4 or 6 or have satisfied the admission requirement in advanced German. Monday, Wednesday and Friday, 2 p. m. Six semester-hour credits. Professor SCHOENFELD.

8. Parallel with Course 7, with special reference to advanced students both in the historic-political and the scientific departments. Tuesday, Thursday and Saturday, 5.10 p. m. Six semester-hour credits. Professor SCHOENFELD.

Second Section. For Undegraduates and Graduates.

20. *Outline of the History of German Literature and Civilization from the Teutonic Origins to the Renaissance and Reformation*, with reference to the emerging of the Germanic, Romance, and Slavic races. Anthology of the early literary monuments to the Minnesingers.—Lectures, extensive readings of the classics of the first period of bloom; advanced practice in writings, essays. Monday, Wednesday and Friday, 10.05 a. m. Six semester-hour credits. Professor SCHOENFELD.

21. *German Literature of the Second Classic Period at its Zenith*.—Lessing's Life and Work; Goethe's work in the Natural Sciences; Schiller's drama at its zenith; Goethe's and Winckelmann's influence on German art; with special reference to the modern drama; Goethe's Faust, as a special critical and philosophical study; classical ballad and lyric poetry; renaissance of the German volkslied in the eighteenth and nineteenth centuries. Monday, Wednesday and Friday, 5.10 p. m. Six semester-hour credits. Professor SCHOENFELD.

22. *The Currents of German Literature from the Beginning of the Nineteenth Century Until 1870*.—Romanticism, its social and political aspects; Modern German Drama, with special emphasis on Kleist, Grillparzer, Hebbel; Lyrics and Ballads; Uhland and Heine. Monday, Wednesday and Friday, 5.10 p. m. Six semester-hour credits. (Not given in 1926-27.) Professor SCHOENFELD.

Third Section. Primarily for Graduates.

50. *Seminar in the History of Middle High German Literature*, with special reference to the Epic and Lyrical Poetry in the Twelfth and

Thirteenth Centuries. Introduction to scientific methods of historical and literary research in the Nibelungenlied and the Gudrunsaga. Six semester-hour credits. Professor SCHOENFELD.

51. *Gothic*.—Introduction to comparative Indo-European Grammar. Six semester-hour credits. Professor SCHMIDT.

52. *Old High German*.—The development of the German language. Six semester-hour credits. Professor SCHMIDT.

Only one of the foregoing two courses (51, 52) is given in any one year.

For notice of the Richard Heinzel Germanic Library, see page 11.

HEBREW

(See Semitic Languages)

HISTORY

Note:—Students may take for credit but one of the following courses in European History: 3 and 4; 7 and 8; 11 and 12.

Students taking Course 9 or 10 in American History or Courses 7 and 8 or 11 and 12 in General European History will be required to take both semesters' work before credit will be given for either.

Students majoring in History will be required for graduation to have covered the foundation courses in Ancient, Mediaeval and Modern European History, and American History; and to have had one advanced course of the type of 39, 43, 54, 55 or 56. Departure from this requirement will be allowed only in most exceptional cases with consent of the head of the department.

A candidate for the degree of master of arts majoring in History, should have taken during his undergraduate course at least the survey courses in Ancient, European and American History, with grades of at least C in each course. Exceptions can be made only by vote of the department.

Graduate students taking second section courses will be required to do additional work to obtain graduate credit.

First Section. Primarily for Undergraduates.

3. *Modern European History*.—A study of the European States under the new conditions resulting from the discovery of America and the opening of the oriental trade routes, extending through the period of the French Revolution; texts, lectures and collateral readings. First semester. Monday, Wednesday and Friday, 4 p. m. Three semester-hour credits. Professor SWISHER.

4. A continuation of the preceding through the revolutionary movements of the nineteenth century with a more detailed study of recent issues; texts, lectures, and collateral readings. Second semester. Mon-

day, Wednesday and Friday, 4 p. m. Three semester-hour credits. Professor SWISHER.

5. *Ancient History*.—A study of the history of the ancient Oriental peoples, and of Greece. First semester. Tuesday, Thursday and Saturday, 9.05 a. m. Three semester-hour credits. Associate Professor KAYSER.

6. *Ancient History*.—Roman history from the beginnings to the fall of the Western Empire. Second semester. Tuesday, Thursday and Saturday, 9.05 a. m. Three semester-hour credits. Associate Professor KAYSER.

7. *General European History*.—Mediaeval Europe from the decline of the Roman Empire to the age of geographical exploration. Primarily for freshmen. First semester. Three semester-hour credits. Monday, Wednesday and Friday, 9.05 a. m. Dr. RAGATZ.

8. *General European History*.—Modern Europe from the Age of Discovery to the Great War. Primarily for freshmen. Second semester. Three semester-hour credits. Monday, Wednesday and Friday, 9.05 a. m. Dr. RAGATZ.

9. *American History*.—A general introductory course in the history of the United States. Text, lectures, assigned readings, and reports. Six semester-hour credits. Monday, Wednesday and Friday, 10.05 a. m. Professor BEMIS.

10. *American History*.—Parallel with Course 9. Monday, Wednesday and Friday, 5.10 p. m. Six semester-hour credits. Professor BEMIS.

11. *General European History*.—Parallel with Course 7. First semester. Tuesday, Thursday and Saturday, 5.10 p. m. Three semester-hour credits. Dr. RAGATZ.

12. *General European History*.—Parallel with Course 8. Second semester. Tuesday, Thursday and Saturday, 5.10 p. m. Three semester-hours credits. Dr. RAGATZ.

13. *Ancient History*.—Parallel with Course 5. First semester. Tuesday, Thursday and Saturday, at 5.10 p. m. Three semester-hour credits. Associate Professor KAYSER.

14. *Ancient History*.—Parallel with Course 6. Second semester. Tuesday, Thursday and Saturday, at 5.10 p. m. Three semester-hour credits. Associate Professor KAYSER.

Second Section. For Undergraduates and Graduates.

22. *American History*.—The United States, 1783-1860. Text, lectures and collateral reading. A general acquaintance with American history is presupposed. Tuesday, Thursday and Saturday, 10.05 a. m. Six semester-hour credits. Professor CHURCHILL. (Not given in 1926-27.)

23. *American History*.—The Colonial Period to 1783. Second semester. Monday, Wednesday and Friday, 3 p. m. Three semester-hour credits. Professor CHURCHILL. (Not given in 1926-27.)

24. *American History*.—United States history since 1860. Second semester. Monday, Wednesday and Friday, 3 p. m. Three semester-hour credits. Professor CHURCHILL. (Not given in 1926-27.)

25. *English History*.—A general course in English history with special attention to constitutional and political development. Texts, lectures and collateral reading. Monday, Wednesday and Friday, 5.10 p. m. Six semester-hour credits. Professor CHURCHILL.

26. *American History*.—The History of the West. Lectures, collateral reading, and reports. A general acquaintance with American History is presupposed. Monday, Wednesday and Friday, 6.05 p. m. Six semester-hour credits. Professor CHURCHILL.

27. *Latin-American History*.—The history of colonial Latin-America, with special reference to European conditions, and of the principal Latin-American countries to the present time. Lectures, texts and reports on collateral reading. Three semester-hour credits. Professor CHURCHILL. (Not given in 1926-27.)

28. *English History*.—Parallel with Course 25. Tuesday, Thursday and Saturday, 11.50 a. m. Six semester-hour credits. Professor CHURCHILL.

29. *Ancient History*.—An advanced course for students who have completed Courses 5 and 6, or who otherwise satisfy the instructor of their fitness to pursue the course. Six semester-hour credits. Associate Professor KAYSER. (Not given in 1926-27.)

30. *American Constitutional History*.—A study of the origin and growth of constitutional representative government of the United States, giving special attention to the development of the Federal Constitution of 1780, and to its interpretation under the pressure of party issues. Advised for pre-legal students. Prerequisite: History 9 or 10, except by special permission. Lectures, text-books, and collateral readings. Tuesday, Thursday and Saturday, at 10.05 a. m. Six semester-hour credits. Professor CHURCHILL.

31. *Modern European History*.—A study of the French Revolution and subsequent reaction extending through the Revolution of 1848. First semester. Tuesday, Thursday and Saturday, 6.05 p. m. Three semester-hour credits. Professor SWISHER.

32. *Modern European History*.—From 1850 to the Great War. Second semester. Tuesday, Thursday and Saturday, 6.05 p. m. Three semester-hour credits. Professor SWISHER.

33. *Current History*.—A discussion of political questions of the day, with special reference to their origin and historical significance. Lec-

tures throughout the year. Two semester-hour credits. Professor SWISHER. (Not given in 1926-27.)

34. *Mediaeval History*.—Mediaeval institutions, with a study of the history of France and Italy from the Peace of Constance to the League of Cambray. Prerequisite: General European History. Six semester-hour credits. Professor SWISHER. (Not given in 1926-27.)

35. *General History*.—Europe from the fall of the Empire of the West to the election of Charles V. Six semester-hour credits. Professor SWISHER and Assistant Professor McARTHUR. (Not given in 1926-27.)

36. *Diplomatic History of the United States*.—A general survey of the diplomacy of our nation, from the beginning to the present time. Lectures, text-books, readings, supplemented by an analysis of the machinery of American foreign relations and practical observations through the medium of various official organs and institutions existing in the District of Columbia. Monday, Wednesday and Friday, 9.05 a. m. Six semester-hour credits. Professor BEMIS.

37. *The Renaissance and the Reformation*.—A study of the beginnings of the Modern Period emphasizing the evolution of political, social, economic, religious, intellectual, and artistic ideas and institutions during the period. Prerequisite: Mediaeval and Modern History. Six semester-hour credits. Associate Professor KAYSER. (Not given in 1926-27.)

38. *Revolutionary Europe*.—A study of the important transitions—political, social, economic and intellectual—that took place during the era of the French Revolution and of the domination of Napoleon. Prerequisite: Mediaeval and Modern History. First semester. Three semester-hour credits. Tuesday, Thursday and Saturday at 9.05 a. m. Dr. RAGATZ.

39. *Pro-Seminar in History and Historians*.—History: definitions, scope, methods; auxiliary sciences; theories of history; study of leading historians to determine their conceptions of history. Hours to be arranged. Two semester-hour credits. Professor CHURCHILL.

40. *Modern European History*.—From 1815 to 1870. Prerequisite: General European History. First semester. Professor SWISHER. (Not given in 1926-27.)

41. *Contemporary History*.—A study of the international relations which led to the Great War, with a survey of subsequent conditions. Second semester. Professor SWISHER and Assistant Professor McARTHUR. (Not given in 1926-27.)

42. *English Constitutional History*.—The development of the English Constitution in its historical setting. Texts, lectures, and collateral reading. Advised for pre-legal students. Six semester-hour credits. Professor CHURCHILL. (Not given in 1926-27.)

43. *Pro-Seminar in the Foundation of American Nationality, 1783-1796.*—Intensive reading fostering individual initiative under careful supervision to develop a critical spirit and close knowledge of the historical literature and sources as well as the constructive events of this period. Hours of meeting to be arranged in common with History 56. Six semester-hour credits. Professor BEMIS.

44. *The History of France.*—Political, social, economic, and cultural development of the country from the Roman conquest to the Treaty of Versailles. Lectures and assigned reading. Prerequisite: Courses in mediaeval and modern history. Throughout the year. Monday, Wednesday and Friday, 6.05 p. m. Six semester-hour credits. Dr. RAGATZ.

45. *Modern Colonization.*—The era of discovery and exploration, colonial expansion from the fifteenth century to date with special reference to the partition of the Americas, Africa, and Asia, overseas rivalries of the European powers, problems of modern imperialism, and the institution of mandates. Prerequisite: A course in Modern European history. Texts, lectures, and special reading. Six semester-hour credits. Dr. RAGATZ. (Not given in 1926-27.)

46. *France Since 1815.*—The political, economic, social and cultural history of the country from the end of the Napoleonic regime to the present day. A continuation of Course 38, but may be taken separately. Prerequisite: History 8 or 12. Texts, lectures, and assigned reading. Second semester. Three semester-hour credits. Tuesday, Thursday and Saturday, 9.05 a. m. Dr. RAGATZ.

Third Section. Primarily for Graduates.

54. *Seminar Work.*—The results of individual research, conducted by graduate students upon assigned topics, will be discussed at the weekly meetings of the Seminars in History.

Undergraduate students qualified by previous historical study, who desire to do intensive work with a view to gaining fuller information upon special periods or facility in the use of historical materials, may, with the approval of the instructor, be admitted to the historical seminars. Regular meeting of Seminar in Modern European History. Saturday, 12.15-2.15 p. m. Six semester-hour credits. Professor SWISHER and Associate Professor KAYSER.

55. *Seminar in English and American History.*—Readings and research work to meet the individual needs of advanced students. Readings, conference and reports. Conference hour. Six semester-hour credits. Professor CHURCHILL. (Not given in 1926-27.)

56. *Seminar in American Diplomacy.*—A course of intensive historical research in some one period of American diplomacy. For graduate students and qualified seniors. In this course advantage

will be taken of the library and archival facilities of Washington, the best sources in America for the study of the diplomatic history of the United States. A reading knowledge of French is necessary, of Spanish and German desirable. Hours to be arranged. Six semester-hour credits. Professor BEMIS.

HOME ECONOMICS

First Section. Primarily for Undergraduates.

1 or 5. *Food Economics and Preparation*.—Study of food markets. Cost of commercially prepared foods. Food testing. Food values. Family food budgets, meal planning and table service. Kitchen equipment, efficiency studies. Principles of food preparation. Lecture, Monday, 2 p. m. Laboratory: Section A (Course 1), for those not offering high school preparation, Tuesday, Thursday, 2 to 4 p. m. Section B (Course 5), for those offering adequate high school preparation, Wednesday, Friday, 2 to 4 p. m. Six semester-hour credits. Professor DENTON.

Students having credits for Course 1 may receive credit for Course 5 (in place of Course 1) by completing additional laboratory problems (about 60 hours laboratory work).

2 or 6. *Food Economics and Preparation*.—Parallel with Courses 1 and 5. Lecture Monday, 5.10 p. m. Laboratory, Section A (Course 2), Tuesday and Thursday, 5.10 to 6.50 p. m.; Section B (Course 6), Wednesday and Friday, 5.10 to 6.50 p. m. Six semester-hour credits. Professor DENTON.

3. *Experimental Cookery, or Science of Food Preparation and Psychology of Food Preferences*.—Not given in 1926-27. Professor DENTON.

13 and 15. *Clothing Selection and Construction*.—Lecture, Monday, 3 p. m. Laboratory: Section A (Course 13), for those not offering high school preparation, Monday, Wednesday, 2 to 4 p. m.; Section B (Course 15), for those offering adequate high school preparation, Tuesday, Thursday, 2 to 4 p. m. Six semester-hour credits. Mrs. HYDE.

Students having credit for Course 13 may receive credit for Course 15 (in place of Course 13), by completing additional laboratory problems (about 60 hours laboratory work).

14 and 16. *Clothing Selection and Construction*.—Parallel with Courses 13 and 15. Lecture, Monday, 5.10 p. m. Laboratory: Section A (Course 14), Wednesday, Friday, 5.10 to 6.50 p. m.; Section B (Course 16), Tuesday, Thursday, 5.10 to 6.50 p. m.

28. *Introductory Study of Nutrition and Dietetics*.—A general course for those having no credits in organic or physiological chemistry. Characteristics of various proteins, fats, carbohydrates, and salts.

Bodily requirements in calories, proteins, salts and vitamins; study of individual requirements of class members, or other selected subjects of varying ages and occupations; planning of dietaries to meet such requirements. Dietary treatment of under weight, over weight, constipation. Practice in evaluating dietary claims of advertisements. Tuesday and Thursday, 5.10 p. m. Four semester-hour credits. Professor DENTON.

29. *Additional Laboratory Practice in Dietetics.*—To be elected simultaneously with Course 28. Open to a limited number of students Tuesday, Thursday, 4.10 to 5.10 p. m., both semesters. Two semester-hour credits. Professor DENTON.

Second Section. For Graduates and Undergraduates.

40. (Coincides with Education 40.) *Methods of Teaching Home Economics.*—Principles of education as applied to home economics. Objectives of home economics for elementary, junior high and senior high schools; selection of subject matter; methods of presentation; the class project; analysis of text-books; use of illustrative material; field trips; score cards; personal and professional improvement of teachers; contributions of home economics to general education. Prerequisite: Education 20 or 21 or an equivalent; and Education 34 (or one year's experience in teaching). (Not given in 1926-27.)

Third Section. Primarily for Graduates.

50. *Problems in Home Economics.*—Seminar; for graduate students, and seniors if adequately prepared. Two or more semester-hours. Professor DENTON.

51. *Research in Home Economics Education.*—Number strictly limited to a few specially prepared graduate students. Miss WHITCOMB.

INTERNATIONAL LAW AND DIPLOMACY

(See Political Science)

ITALIAN

(See Romance Languages)

LATIN

(See Classical Languages)

LIBRARY SCIENCE

First Section. Primarily for Undergraduates.

1. General introduction to Library Science, including practice in ordering, accessioning, filing, desk work, and devoting special attention to the fundamental principles of cataloguing. Sophomore elective: open to freshmen only by special permission of the instructor.

Prerequisite: French or German. A selected group may do their practice work at the Public Library. Section A—Tuesday, Thursday and Saturday at 11.50 a. m.; Section B—Tuesday, Thursday and Saturday at 6.05 p. m. Six semester-hour credits. Professor SCHMIDT and Miss HERBERT.

2. Classification and shelf-listing, theory and practice. Open only to students who have had Course 1 or its equivalent in library experience and French and German are required. Section A—Monday, Wednesday and Friday at 11.50 a. m.; Section B—Monday, Wednesday and Friday at 6.05 p. m. Six semester-hour credits. Professor SCHMIDT.

3. Bibliography and reference, including experience in the University Library and the preparation of bibliographies in conjunction with the instructional work of the University. Three semester-hour credits. (Not given in 1926-27.) Professor SCHMIDT.

MATHEMATICS

First Section. Primarily for Undergraduates.

3. *College Algebra; Solid Geometry; Plane Trigonometry.*—Algebra is studied during the first semester, solid geometry during February and March, and trigonometry during April and May. Section A—Monday, Wednesday and Friday, 9.05 a. m.; Section B—Monday, Wednesday and Friday, 11.50 a. m. Associate Professor HODGKINS.

4. *Algebra; Plane Trigonometry.*—Algebra is studied until April 1, and trigonometry during April and May. This course is planned for students who present only one admission unit in Algebra and for students who need a review of intermediate Algebra. Six semester-hour credits. Tuesday, Thursday and Saturday, 6.05 p. m. Assistant Professor BORDEN.

5. *Algebra; Plane Trigonometry.*—Parallel with Course 4. Monday, Wednesday and Friday, 9.05 a. m. Six semester-hour credits. Assistant Professor BORDEN.

6. *College Algebra; Solid Geometry; Plane Trigonometry.*—Parallel with Course 3. Six semester-hour credits. Tuesday, Thursday and Saturday, 6.05 p. m. Mr. WALLIS.

8. *College Algebra.*—Second semester. Three semester-hour credits. Mr. WALLIS.

9. *Trigonometry; Analytic Geometry.*—Trigonometry until January 1, analytic geometry for the remainder of the session. The completion of Courses 3, 4, 5 or 6 is requisite for admission to this course. Monday, Wednesday and Friday, 10.05 a. m. Six semester-hour credits. Section A—For Engineering students. Professor ERWIN. Section B—For non-Engineering students. Assistant Professor BORDEN.

12. *Trigonometry; Analytic Geometry.*—Parallel with Course 9. Section A—Monday, Wednesday and Friday, 5.10 p. m.; Section B—

Monday, Wednesday and Friday, 6.05 p. m.; Section C—Tuesday, Thursday and Saturday, 6.05 p. m. Six semester-hour credits. Associate Professor HODGKINS.

15. *Calculus and Analytic Geometry*.—Required course for freshmen in Architecture, and elective by the college student who has presented four entrance units in Mathematics or who has completed one of the Courses 3, 4, 5 or 6, and who does not plan to specialize in Mathematics. Tuesday, Thursday and Saturday at 5.10 p. m. Six semester-hour credits. Assistant Professor BORDEN.

18. *Differential and Integral Calculus; Elements of Differential Equations*.—Section A—Monday, Wednesday and Friday, 5.10 p. m. Section B—Tuesday, Thursday and Saturday, 5.10 p. m. Six semester-hour credits. Professor HODGKINS and Professor ERWIN.

19. *Differential and Integral Calculus; Elements of Differential Equations*.—Tuesday, Thursday and Saturday, 11.50 a. m. Six semester-hour credits. Professor HODGKINS.

Second Section. For Undergraduates and Graduates.

23. *Foundations of Algebra and Geometry*.—Number system, irrationals, limits; ruler and compass constructions, famous problems, transcendence of e and π ; significance of postulates, non-euclidean geometries. Prerequisite: Twelve semester-hours of college mathematics. (Not given in 1926-27.) Six semester-hour credits. Assistant Professor BORDEN.

24. *An Elementary Treatise on the Theory of Equation*.—Tuesday, Thursday and Saturday, 10.05 a. m. First semester. Three semester-hour credits. Professor ERWIN.

25. *Hyperbolic Functions*.—Tuesday, Thursday and Saturday, 10.05 a. m. Second semester. Three semester-hour credits. Professor ERWIN.

26. *Coordinate Geometry of Three Dimensions*.—(Not given in 1926-27.) Three semester-hour credits. Professor ERWIN.

27. *Projective Geometry*.—Hours to be arranged. Three semester-hour credits. Professor ERWIN.

31. *Special Topics*.—Vector methods in the complex plane; the exponential function; hyperbolic functions. Prerequisite: Mathematics 18 or 19. Monday and Friday at 6.05 p. m. First semester. Two semester-hour credits. Assistant Professor BORDEN.

32. *Differential Equations*.—Monday and Friday at 6.05 p. m. Second semester. Two semester-hour credits. Assistant Professor BORDEN.

Third Section. Primarily for Graduates.

54. *Theory of Functions of a Complex Variable*.—Tuesday, Thursday and Saturday, 6.05 p. m. Six semester-hour credits. Professor ERWIN.

55. *Differential Geometry*.—Tuesday, Thursday and Saturday, 6.05 p. m. Six semester-hour credits. Professor ERWIN.

NOTE: Either Course 54 or 55 will be given after conference with students.

MECHANICAL DRAWING

First Section. Primarily for Undergraduates.

1. *Mechanical Drawing*.—A general course embracing engineering lettering, dimensioning, use of instruments, engineering conventions, drafting room practice and standards, curve construction, isometric and orthographic detail sketches, working drawings, tracings. Four semester-hour credits. Section A—First semester, Monday, 2 to 5 p. m. Second semester, Monday, Wednesday and Friday, 2 to 5 p. m. Section B—First semester, Friday, 7.30 to 10.30 p. m. Second semester, Monday, Wednesday and Friday, 7.30 to 10.30 p. m. Section C—First semester, Friday, 7.30 to 10.30 p. m. Second semester, Tuesday, Thursday and Friday, 7.30 to 10.30 p. m. Assistant Professor JOHNSON, Mr. EHRMAN and Mr. LEE.

2. *Machine Drawing*.—A course in working drawings for Mechanical and Electrical Engineering students. The course is largely one of empirical design of standard parts. Section A—Monday and Wednesday, 2 to 5 p. m.; Section B—Tuesday and Thursday, 7.30 to 10.30 p. m. Four semester-hour credits. Assistant Professor JOHNSON and Mr. LEE.

8. *Descriptive Geometry*.—A course in methods of projection; intersections; shades and shadows; amplified by problems showing the application of the subject in engineering and architectural practice. Brief lectures explaining the work, are given at the beginning of the drawing periods. Students who have not satisfied the entrance requirements in solid geometry will not be admitted to this course. First semester, two three-hour drawing periods. Two semester-hour credits. Section A—Wednesday and Friday, 2 to 5 p. m.; Section B—Monday and Wednesday, 7.30 to 10.30 p. m.; Section C—Tuesday and Thursday, 7.30 to 10.30 p. m. Assistant Professor JOHNSON and Mr. EHRMAN.

MECHANICAL ENGINEERING

First Section. Primarily for Undergraduates.

1. *Mechanism*.—A course in the study of machine elements and the kinematics of machinery in which the functions and the mechanical movements are analyzed. Carefully developed problems and diagrams of changes of position and speed in mechanism are constantly used. Some attention is given to the design of gearing, and part of the second semester is devoted to the study of steam engine valve

gears. Prerequisite: Mechanical Drawing 1. Section A—Monday and Friday, 10.05 a. m.; Section B—Monday and Friday, 6.05 p. m. Four semester-hour credits. Assistant Professor RANDOLPH.

9. *Engineering Laboratory*.—A laboratory course intended for all Engineering students. This course consists of material testing and the study of the flow of fluids over wiers, and through orifices. It is recommended that this course be taken concurrently with the second semester of Applied Mathematics 21, and with Applied Mathematics 22. Prerequisites: Physics 1, Applied Mathematics 20. Two three-hour periods, second semester. Two semester-hour credits. Assistant Professor RANDOLPH and Assistants.

10. *Engineering Laboratory*.—A laboratory course intended primarily for Chemical, Electrical and Mechanical Engineering students. This course consists of testing and calibrating engineering instruments, and testing of power plant equipment which features steam as the prime mover. It will be necessary for each student to be present *one whole day*, December 14, 1926, when an evaporative test will be made of a steam boiler. Prerequisite: Mechanical Engineering 20. Two three-hour periods, first semester. Two semester-hour credits. Associate Professor PLATT.

11. *Engineering Laboratory*.—An advanced laboratory course primarily for Mechanical Engineering students. This course covers the study and testing of internal combustion engines. Prerequisites: Mechanical Engineering 10, 20, 30. Two three-hour periods, second semester. Two semester-hour credits. Associate Professor PLATT.

Second Section. For Undergraduates and Graduates.

20. *Thermodynamics*.—The first semester is devoted to the study of the principles of thermodynamics; the gas and vapor cycles; and the properties of steam. The second semester is devoted to the study of the steam engine and the practical applications of the above principles. Prerequisites: Mathematics 18 or 19; Physics 1, and Mechanical Engineering 1. Section A—Monday, Wednesday and Friday, 11.50 a. m.; Section B—Monday, Wednesday and Friday, 6.05 p. m. Six semester-hour credits. Associate Professor PLATT.

21. *Boilers*.—This course includes a study of the design, construction, and operation of modern power boilers, and such auxiliary equipment necessary to their operation when solid, liquid, and gaseous fuels are used. Prerequisites: Mechanical Engineering 20; Mathematics 18 or 19. Two hours, first semester. Two semester-hour credits. Associate Professor PLATT.

23. *Pumping Machinery*.—This course includes a study of the design, construction and operation of modern pumping machinery used to deliver water or other fluids under pressure when their power for operation is received from electricity, steam, compressed air or internal

combustion engines. Prerequisites: Applied Mathematics 20, 21; Mechanical Engineering 1, and first semester of Mechanical Engineering 20. Two hours, second semester. Two semester-hour credits. Assistant Professor RANDOLPH.

24. *Methods of Manufacture*.—A study of modern manufacturing methods, machine tools, automatic machines and quantity production. Prerequisites: Mechanical Drawing 2, Mechanical Engineering 1, Civil Engineering 4. Two hours, first semester. Two semester-hour credits. Assistant Professor PRENTISS.

25. *Machine Design*.—Engineering principles already acquired are applied to the design of a machine. The limitations of theoretical and empirical formulæ are studied. Prerequisites: Applied Mathematics 22, Civil Engineering 4, 22, Mechanical Engineering 1, 24. One consultation period and two three-hour drawing periods the first semester, two three-hour drawing periods the second semester. Five semester-hour credits. Assistant Professor JOHNSON.

27. *Power Plants*.—This course includes a study of the design, layout, and installation of modern power plants and power plant equipment. It also includes a study of the auxiliary equipment necessary to the economic operation of the power plant, as well as that necessary to meet the present-day safety laws of the various states. Practical problems based upon the text will be assigned throughout the semester. Prerequisite: Mechanical Engineering 20. Two hours, second semester. Two semester-hour credits. Associate Professor PLATT.

29. *Heating and Ventilating*.—This course includes a study of the design, installation and economic operation of modern heating and ventilating systems installed in all types of buildings. Practical problems will be assigned throughout the semester which will involve all the principles studied. Prerequisite: First semester, Mechanical Engineering 20. Two hours, second semester. Two semester-hour credits. Associate Professor PLATT.

30. *Internal Combustion Engines*.—A study of the design, construction and operation of gas, vaporized fuel, semi-diesel and diesel engines for stationary, traction, marine and aeronautical services; supplemented by a brief study of gas producers and equipment for utilizing waste industrial gases in engines. Prerequisites: M. E. 1, A. M. 20 and first semester of M. E. 20. Electrical Engineering students attend two hours first semester only. Two semester-hour credits. Mechanical Engineering students attend two hours throughout the year. Four semester-hour credits. Assistant Professor JOHNSON.

31. *Steam Turbines*.—This course includes a study of the design, construction and installation of modern steam turbines, and in addition such auxiliary equipment as is necessary to their economic opera-

tion. Prerequisite: First semester, Mechanical Engineering 20. Monday and Friday, 5.10 p. m. Two semester-hour credits. Assistant Professor RANDOLPH.

32. *Industrial Management*.—This course consists of the study of the forming and development of manufacturing organizations, and the interrelationships of their various departments. Process planning and routing as well as modern efficiency methods are discussed. Prerequisite: Civil Engineering 4. Two hours, first semester. Two semester-hour credits. Associate Professor PLATT.

33. *Engineering Economics*.—A course in economics intended primarily for engineering students. The problems selected for this course feature the consideration of the first cost, operating expense, depreciation and salvage value of equipment used in the various fields of engineering. Prerequisite: Commerce 33. Two hours, second semester. Two semester-hour credits. Assistant Professor PRENTISS.

34. *Refrigeration*.—This course includes a study of the design, construction, and installation of modern mechanical refrigeration equipment, and in addition such auxiliary equipment necessary to their economic operation. Practical problems will be assigned during the semester which will involve a knowledge of the principles of mechanical refrigeration as studied in this course. Prerequisite: First semester, Mechanical Engineering 20. Two hours, first semester. Two semester-hour credits. Associate Professor PLATT.

Third Section. Primarily for Graduates.

50. *Advanced Machine Design*.—The complete design of a machine. The problem selected by the student must be approved by the instructor. Prerequisite: Mechanical Engineering 25. Three three-hour periods throughout the year. Six semester-hour credits. Assistant Professor JOHNSON.

51. *Advanced Power Plant Design*.—For this course the student will select his own problem, which must be approved by the professor in charge. Not more than two students may select the same problem and work together. Prerequisites: Mechanical Engineering 20, 21, 25, 30, 31, 34. Three three-hour periods throughout the year. Six semester-hour credits. Associate Professor PLATT.

METEOROLOGY

Third Section. Primarily for Graduates.

51. *Meteorological Physics*.—This course presupposes collegiate training in general physics. Particular attention will be given to the interpretation of meteorological phenomena in the light of modern physics; and those wishing to make this their principal study will be assisted in the selection of a suitable problem for investigation and

advised in the collection of data necessary to its solution. Six semester-hour credits. Professor HUMPHREYS.

NAUTICAL SCIENCE

First Section. Primarily for Undergraduates.

1. *Nautical Science*.—Marine and aerial navigation; nautical astronomy; nautical almanac; production and use of nautical charts; tides; applications of meteorology, terrestrial magnetism and oceanography to navigation and seamanship; deviation of the compass in iron and steel ships; theory and use of instruments of navigation. Four semester-hour credits. Professor FRENCH.

Third Section. Primarily for Graduates.

50. *Nautical Science*.—Special investigations requiring original thought in relation to avenues of progress, such as the neutralization of the effects of the ship's magnetism upon the compass, the development of the gyroscopic compass, the supplying of means to enable seamen to make astronomical observations at night or when the horizon is hidden from view. The applications of nautical astronomy to aerial navigation. Conferences, assigned readings, direction of research. Six semester-hour credits. Professor FRENCH.

PHILOSOPHY

Second Section. For Undergraduates and Graduates.

21. *Principles of Philosophy*.—A course in the problems, theories and underlying principles of philosophy. Six semester-hour credits. Tuesday, Thursday and Saturday, 9.05 a. m. Professor RICHARDSON.

22. *Principles of Philosophy*.—Parallel with Course 21. Six semester-hour credits. Monday, Wednesday and Friday, 5.10 p. m. Professor RICHARDSON.

23. *History of Philosophy*.—(a) First semester: Ancient and mediæval philosophy. (b) Second semester: Modern philosophy. Special attention is directed to the relation of philosophical conceptions to the world's progress. Six semester-hour credits. Tuesday, Thursday and Saturday, 10.05 a. m. Professor RICHARDSON.

24. *History of Philosophy*.—Parallel with Course 23. Six semester-hour credits. Monday, Wednesday and Friday, 6.05 p. m. Professor RICHARDSON.

25. *Logic*.—The field of logic; the organization of knowledge; induction and deduction; logical analysis. Special attention is paid to the historical development of inductive science. First semester: Monday, Wednesday and Friday, 10.05 a. m. Three semester-hour credits. Professor RUEDIGER.

26. *Logic*.—Parallel with Course 25. First semester: Monday, Wednesday and Friday at 5.10 p. m. Three semester-hour credits. Professor RUEDIGER.

27. *Ethics*.—A consideration of the principal ethical theories from the historical and social points of view. Second semester: Monday, Wednesday and Friday, 10.05 a. m. Three semester-hour credits. Professor RUEDIGER.

28. *Ethics*.—Parallel with Course 27. Second semester: Monday, Wednesday and Friday, 5.10 p. m. Three semester-hour credits. Professor RUEDIGER.

Third Section. Primarily for Graduates.

51. *Seminar*.—The topic for 1926-27 will be a study of the principal problems of philosophy. Consideration will be given to their genesis and significance. Proposed solutions will be reviewed and critically studied. The relation of these problems to the scientific, social and religious questions of the past and present will be emphasized. Reading, conferences and reports. Wednesday, 7-9 p. m. Six semester-hour credits. Professor RICHARDSON.

PHYSICAL EDUCATION

First Section. Primarily for Undergraduates.

1. Elementary marching and free gymnastic exercises; games; folk dancing; clogging. (Two periods.) Personal hygiene, presenting in a clear and concise manner the fundamental physiological laws on which all personal hygiene is based. (One period.) Monday, Wednesday, Friday, 9.05, 10.05, 11.50. Miss HOPKINS.

(This course is required of all Freshman women. The recommended uniform can be purchased through the office of the Physical Director.)

2. *Dancing*.—Fundamental steps and their application. Character dancing, clogging, aesthetic dancing. Elective only. Hours to be arranged. Miss HOPKINS.

3. *Swimming*.—Instruction for beginners, intermediates and advanced swimmers, including American Red Cross Life-saving work. Beginning March 1. Hours to be announced. Elective only. Miss HOPKINS.

PHYSICS

First Section. Primarily for Undergraduates.

1. *General Physics*.—A recitation and lecture course, embracing the fundamental principles of mechanics, heat, electricity and magnetism, sound, and light. The prerequisites are: Elementary (High School) Physics, Mathematics 9 or 12, and Mathematics 18 or 19, the latter of which may be taken concurrently. This is a required course for

students in Engineering and for students specializing in Physics. Six semester-hour credits. Section A—Monday, Wednesday and Friday, 11.50 a. m.; Section B—Tuesday, Thursday and Saturday, 5.10 p. m. Associate Professor CHENEY.

2. *Laboratory Physics*.—Laboratory methods, accurate measurement of physical quantities, and experimental study of physical laws and apparatus. A systematic schedule of experiments is performed, and a formal report presented for each experiment. Course 2 is arranged to accompany Course 1, and may not otherwise be taken without previous preparation in Physics equivalent to Course 1. Four semester-hour credits (this takes into consideration both the time required for performance of the experiments and that required for preparation of the reports). Tuesday and Thursday, 9.05 a. m., 3 p. m., or Monday, Tuesday or Wednesday, 7.30 p. m. Professor BROWN, Associate Professor CHENEY, Dr. BROMBACHER, Mr. EICHLIN, and Mr. FREDERICK.

3. *Introductory General Physics*.—Recitations, and lectures illustrated by experimental demonstrations. Similar in scope to Course 1, but less mathematical in treatment. Planned with reference to the needs of a student who desires an acquaintance with the facts and principles of Physical Science in their relation to the other sciences. Six semester-hour credits. Section A—Monday, Wednesday and Friday, 2 p. m.; Section B—Monday, Wednesday and Friday, 6.05 p. m. Professor BROWN.

4. *Introductory Laboratory Physics*.—Course 4 is similar in character to Course 2, but with somewhat greater emphasis placed upon the study of physical principles and their applications. It is arranged to accompany Course 3, and may not otherwise be taken without previous preparation in Physics equivalent to Course 3. Tuesday and Thursday, 10.05 a. m., or 3 p. m., or Monday, Tuesday or Wednesday, 7.30 p. m. Professor BROWN, Dr. BROMBACHER, Mr. EICHLIN, and Mr. FREDERICK.

5. *Physics Problems and Experiments*.—Planned to follow Courses 3 and 4. Prerequisites: Physics Courses 3 and 4, and Mathematics 18 or 19, the latter of which may be taken concurrently. Hours to be arranged. Four semester-hour credits. Associate Professor CHENEY.

(Note: Engineering students lacking entrance credit in Physics may take Courses 3, 4, and 5 in place of Courses 1 and 2.)

Second Section. For Undergraduates and Graduates.

20. *Mechanics, Molecular Physics, and Heat*.—An introduction to Theoretical Mechanics, including the dynamics of wave motion, hydrodynamics, and molecular phenomena such as surface tension, elasticity, viscosity, etc. A study of Heat from both the experimental and theoretical points of view followed by an introduction to thermo-

dynamics. Six semester-hour credits. (Not given in 1926-27.) Associate Professor CHENEY.

22. *Light and Sound*.—The topic of Light constitutes the major portion of the course. Sound for the most part is not studied separately but in parallel with correlated light phenomena. Six semester-hour credits. Monday, Wednesday and Friday, 5.10 p. m. Professor BROWN.

23. *Electricity and Magnetism*.—A course using Starling's Electricity and Magnetism as a class text and more advanced texts and the literature for reference reading. Special attention given to the electron theory and its relation to modern physical science. Six semester-hour credits. Tuesday, Thursday and Saturday, 6.05 p. m. Associate Professor CHENEY.

NOTE.—Courses 20 to 23, inclusive, constitute a complete intermediate course in Physics which may be taken during their Junior and Senior years by students specializing in physics and allied sciences. They should be accompanied wherever possible by laboratory work in Course 25. Physics 1 and 2, and Mathematics 18 or 19, or the equivalents of these, are required for admission to any of these courses.

25. *Advanced Laboratory Physics*.—An optional laboratory course in connection with Courses 20, 22, 23, and 28, also open to other students having suitable preparation. Experiments are assigned according to the line of study desired by the individual student. One or two three-hour periods per week, hours by arrangement. Four or eight semester-hour credits. Professor BROWN and Associate Professor CHENEY.

28. *Radio Principles*.—A course in the elementary theory of electrical oscillations and electro-magnetic waves, and of their applications to communication. It is strongly recommended that Course 25 be taken in connection with this course. (Not given in 1926-27.) Four semester-hour credits. Professor BROWN.

Third Section. Primarily for Graduates.

51. *Bibliography and Survey*.—In recognition of the value to the research student of a thorough study of the literature of his chosen field as a prelude to active research, credit is offered under this course for (1) the preparation of a bibliography of that field, including brief abstracts of the more important articles, and (2) a systematic analysis of the lines of investigation along which further development is most promising, and a listing of available research problems. This course is open only to students majoring in Physics. Two semester-hour credits. Professor BROWN and Associate Professor CHENEY.

52. *Introduction to Mathematical Physics*.—Based on Haas's Introduction to Theoretical Physics, vol. I. Special attention is given to

vector analysis and its applications to mechanics and electricity. Generalized coordinates, spherical harmonics, and calculus of variations also considered. Prerequisites: Mathematics 18 or 19 and at least one of the courses in Physics 20-24. All of the latter are strongly recommended. Six semester-hour credits. Monday, Wednesday and Friday, 4 p. m. Associate Professor CHENEY.

53. *X-Rays and Radioactivity*.—A lecture and seminar course on the physical principles of X-Radiation and Radioactivity. In addition to consideration of the general theoretical and experimental aspects some attention will be given to the practical applications. The methods of investigating crystal structure by X-Rays, and the recent work of Aston and others on Isotopes will be included. First semester. Three semester-hour credits. Tuesday, Thursday and Saturday, 5.10 p. m. Dr. HUNT.

54. *Atomic Structure and Spectrum Series*.—A lecture and seminar course on the recently developed theories of the construction of the atom and their relation to the spectra of the elements. The developments leading up to Bohr's theory will first be considered, after which attention will be principally directed to the latter theory and to the deductions which result in the field of spectroscopy. Second semester. Three semester-hour credits. Tuesday, Thursday and Saturday, 5.10 p. m. Dr. HUNT.

55. *Laboratory Physics for Graduate Students*.—This course must be preceded by two or more of Courses 21-23, inclusive, and three or more semester-hour credits in Course 25, or their equivalents. The experimental problems are somewhat longer than those of Course 25, and along more specialized lines, requiring more originality and initiative on the part of the student. This course is primarily intended to supply the laboratory experience required for active research work. Two or more semester-hour credits. Hours by arrangement. Professor BROWN, Associate Professor CHENEY, and Dr. HUNT.

57. *Statistical Mechanics and Kinetics Theory*.—This course is a study of the physical properties of gases from the standpoint of general dynamics. Viscosity, diffusion, heat conduction, Brownian movements, Van der Wall's equations and molecular aggregation and dissociation. A lecture and seminar course. Four semester-hour credits. (Not given in 1926-27.) Mr. VAN ORSTRAND.

58. *Elasticity*.—The physical properties of solids as applied to problems in geophysics. Homogeneous stress and strain. Potential energy of strained solids. Transmission of force. Propagation of earthquake waves. Love's Mathematical Theory of Elasticity. A lecture and seminar course. Four semester-hour credits. (Not given in 1926-27.) Mr. VAN ORSTRAND.

59. *Least Squares*.—Derivation of the law of errors and adjustment of observations with special reference to the determination of the

constants of empirical formulas. A lecture and recitation course. Merriman's Method of Least Squares. Two semester-hour credits. First semester. Saturday, 5.10 p. m. Mr. VAN ORSTRAND.

60. *Mathematical Statistics*.—The mathematical theory of statistics with numerous practical applications. A lecture and seminar course. Elderton's Frequency Curves and Correlation, and Rietz's Handbook of Mathematical Statistics. Two semester-hour credits. Second semester. Saturday, 5.10 p. m. Mr. VAN ORSTRAND.

61. *Conduction of Heat*.—Fourier's analysis is applied to numerous problems in the diffusion of heat and substances. Ingersoll and Zobel's Mathematical Theory of Heat Conduction. A lecture and recitation course. Second semester. Two semester-hour credits. (Not given in 1926-27.) Mr. VAN ORSTRAND.

62. *Hydrodynamics*.—A lecture and seminar course. Lamb's Hydrodynamics. Four semester-hour credits. (Not given in 1926-27.) Mr. VAN ORSTRAND.

POLITICAL SCIENCE

Political Science 1 and 3 may be included as satisfying 6 hours of the requirement of 24 hours' credit for the major.

Courses 21 and 22 have as prerequisites 1 and 3 or the equivalent or English History or a year's course in European History since 1789.

Courses 23, 24, 24a, 25, 26, 27, 28, 29, 30 and 40 have as prerequisites 1 and 3 or the equivalent or a year's course in History or Economics 1.

First Section. Primarily for Undergraduates.

1. *Government of the United States*.—Besides an analysis of the structure of the Federal Government this course includes a study of the powers and the influence of the President, the power to make treaties, to tax, to control the railroads and the wires, and to restrict immigration. The course surveys the functions of the courts and of the various commissions. The problems connected with the currency, the tariff, foreign commerce, and with our colonial empire are discussed. Governmental changes in foreign countries are noted and compared with those at home. First semester. Three semester-hour credits. Section A—Monday, Wednesday and Friday, 9.05 a. m. Professor HILL. Section B—Monday, Wednesday and Friday, 10.05 a. m. Professor HILL. Section C—Monday, Wednesday and Friday, 11.50 a. m. Dr. WEST. Section D—Monday, Wednesday and Friday, 11.50 a. m. Dr. TILLEMA. Section E—Tuesday, Thursday and Saturday, 11.50 a. m. Dr. WEST.

2. *Government of the United States*.—Parallel with Course 1. Three semester-hour credits. Section A—Monday, Wednesday and Friday, 5.10 p. m. Dr. WEST. Section B—Monday, Wednesday and Friday,

6.05 p. m. Dr. TILLEMA. Section C—Monday, Wednesday and Friday, 6.05 p. m. Dr. WEST. Section D—Tuesday, Thursday and Saturday, 5.10 p. m. Dr. TILLEMA. Section E—Tuesday, Thursday and Saturday, 6.05 p. m. Dr. TILLEMA.

3. *State Government.—Political Science 1 continued.*—The relation of the states to the United States, the privilege of voting, the formation of public opinion, direct legislation, police power, public utilities, and executive responsibility form the chief topics. A rapid survey is made of the types of city government and of the county and township governments. Second semester. Three semester-hour credits. Section A—Monday, Wednesday and Friday, 9.05 a. m. Professor HILL. Section B—Monday, Wednesday and Friday, 10.05 a. m. Professor HILL. Section C—Monday, Wednesday and Friday, 11.50 a. m. Dr. WEST. Section D—Monday, Wednesday and Friday, 11.50 a. m. Dr. TILLEMA. Section E—Tuesday, Thursday and Saturday, 11.50 a. m. Dr. WEST.

4. *State Government.*—Parallel with Course 3. Three semester-hour credits. Section A—Monday, Wednesday and Friday, 5.10 p. m. Dr. WEST. Section B—Monday, Wednesday and Friday, 6.05 p. m. Dr. TILLEMA. Section C—Monday, Wednesday and Friday, 6.05 p. m. Dr. WEST. Section D—Tuesday, Thursday and Saturday, 5.10 p. m. Dr. TILLEMA. Section E—Tuesday, Thursday and Saturday, 6.05 p. m. Dr. TILLEMA.

Second Section. For Undergraduates and Graduates.

21. *Comparative European Governments.*—The governments and politics of England and France will be dealt with in this course. First semester. Three semester-hour credits. (Not given in 1926-27.)

22. *Comparative European Governments (continued).*—The governments of Italy, Switzerland, Germany, Austria, Hungary and Russia will be the subjects of this study. Second semester. Three semester-hour credits. (Not given in 1926-27.)

23. *City Government in the United States.*—A study of the various types of city government and the relations of the city to the state. Some attention will be given to European cities, and special emphasis will be placed on the government of the District of Columbia. First semester. Three semester-hour credits. Monday, Wednesday and Friday, 10.05 a. m. Dr. TILLEMA. This course may be taken with 40 the second semester.

24. *Constitutional Law.*—This course deals primarily with the principles under which the government of the United States operates, as developed in the leading court decisions. The powers of the Federal Government and of the states, and the rights and obligations of the individual will be studied. First semester. Three semester-hour credits. Tuesday, Thursday and Saturday, 10.05 a. m. Dr. WEST.

24a. *American Legislatures*.—A study will be made of the organization of American legislatures and of parliamentary practice, with special reference to the Congress of the United States. Comparisons will be drawn from the experience of other countries. Second semester. Three semester-hour credits. Tuesday, Thursday and Saturday, 10.05 a. m. Dr. WEST.

25. *Political Theory*.—The political ideas of Aristotle, Rousseau, Thomas Jefferson and others, the political theory of the American Revolution, the controversy over states' rights, and the development of the idea of democracy will be surveyed. First semester. Three semester-hour credits. (Not given in 1926-27.)

26. *American Political Parties*.—The place of the party in a democracy, its organization, its activities, the character of its membership, machines and bosses, and problems connected with elections will be studied. Second semester. Three semester-hour credits. (Not given in 1926-27.)

27. *International Relations*.—The leading European treaties, especially those during the last century, are studied. The purpose is to find what principles of international law and diplomacy have been evolved and applied. First semester. Three semester-hour credits. Tuesday, Thursday and Saturday, 5.10 p. m. Professor HILL.

28. *International Relations (continued)*.—Leading American treaties and the principles of diplomacy form the basis of this course. Second semester. Three semester-hour credits. Tuesday, Thursday and Saturday, 5.10 p. m. Professor HILL.

29. *International Law*.—The purpose is to acquire an understanding of the elements of this subject. A text book, illustrative cases and problems form the basis for discussions. First semester. Three semester-hour credits. Tuesday, Thursday and Saturday, 6.05 p. m. Professor HILL.

30. *International Law (continued)*.—Second semester. Three semester-hour credits. Tuesday, Thursday and Saturday, 6.05 p. m. Professor HILL.

34. *The Near East*.—The political problems of the Balkan states and of Turkey are studied. The effect of their rivalries upon diplomacy and the conflicting interests of the Great Powers as expressed in schools, missions, mandates, concessions and markets are included. First semester. Monday, Wednesday and Friday, 5.10 p. m. Three semester-hour credits. Mr. PANARETOFF.

35. *The Far East*.—The opening of China and Japan to western influence. The resulting problems of extra-territoriality, leases and customs regulations. The governments and the present-day political questions. The principles of international law and diplomacy as applied by the Washington Conference. Second semester. Monday,

Wednesday and Friday, 5.10 p. m. Three semester-hour credits. Mr. BISHOP.

36. *Government and Politics of Latin America*.—The development of the republics out of the colonial systems; the present status of their governments; Pan-Americanism, and the relations of the Latin American states with the United States will constitute the subject matter of this course. Second semester. Three semester-hour credits. (Not given in 1926-27.)

40. *Jurisprudence*.—This course will deal chiefly with the views of Anglo-American writers as to the nature and source of law. Fundamental legal concepts will be discussed. The organization of courts and the judicial process will receive attention. Emphasis will be placed upon the ideas of jurists and text writers which have been most influential in the development of the law of the United States. Second semester. Three semester-hour credits. Monday, Wednesday and Friday, 10.05 a. m. Dr. TILLEMA. This course may be taken with 23 the first semester.

Third Section. Primarily for Graduates.

53. *Seminar in Political Science*.—Reports and discussions on topics in the field of national administration. First semester. Three semester-hour credits. (Not given in 1926-27.)

54. *Seminar in Political Science (continued)*.—Second semester. Three semester-hour credits. (Not given in 1926-27.)

Graduate students preparing theses will be given individual attention by members of the departmental staff.

PREVENTIVE MEDICINE AND HYGIENE

Second Section. For Undergraduates and Graduates.

36. *Public Health*.—Among the topics discussed are the history of preventive medicine; the causes and prevention of diseases and defects; measurements of public health; organization of health activities. Tuesday and Thursday at 4 p. m. First semester. Two semester-hour credits. Dr. ROGERS.

Third Section. Primarily for Graduates.

50. *Preventive Medicine and Hygiene*.—A reading and discussion course dealing with the etiology, modes of transmission, epidemiology and prevention of communicable diseases, including disinfection and quarantine; immunity, heredity and eugenics; air and air conditioning, heating and ventilation; foods and food deficiency diseases, nutritional problems; water, sewage and refuse disposal; industrial hygiene; school sanitation; personal hygiene; mental hygiene; vital statistics. Each student prepares an essay on some preventive medicine

topic in which he is interested. Hours to be arranged. Six semester-hour credits. Professor HOUGHTON.

51. *Public Hygiene*.—A didactic, laboratory and field course, planned to include those fields of medical and related sciences which form the foundation of public health laboratory work: Chemical and bacteriological examination of water and milk; light and lighting; air—humidity, dust and poisonous gases; standardization of disinfectants; meningococcus isolation and detection of carriers; typing of the pneumococcus; tuberculosis diagnosis, tuberculin reactions and animal inoculation; diphtheria diagnosis and Schick test; the Dick test for scarlet fever susceptibility and methods of immunization; smallpox vaccine and vaccination; bacterial vaccines; venereal disease diagnosis; testing and control of biologic products; feces examinations, including bacteriological and parasitological; protozoal diseases; epidemiology and vital statistics.

Field work consists of a sanitary survey; visits to water purification plants, sewage disposal plants, refuse disposal plants, dairies, pasteurization plants, industrial plants, and a model county health organization.

The course is open to persons who have taken bacteriology, clinical microscopy or equivalent. The course may be modified to suit the needs of the class; special work being assigned to students in preventive medicine. Hours to be arranged. Six semester-hour credits. A laboratory fee of ten dollars is charged to cover cost of materials used in this course. Students pay their own expenses on field visits. Professor HOUGHTON.

PSYCHOLOGY

First Section. Primarily for Undergraduates.

11. *Psychology*.—(a) First semester: General Psychology. (b) Second semester: The applications of psychology in the fields of business, industry, law, medicine and education. Monday, Wednesday and Friday at 11.50 a. m. Six semester-hour credits. Associate Professor MOSS.

12. *Psychology*.—Parallel with Course 11. Monday, Wednesday and Friday at 5.10 p. m. Six semester-hour credits. Associate Professor MOSS.

14. *Psychology*.—(a) First semester: General Psychology. (b) Second semester: The applications of psychology with special reference to the field of medicine. Tuesday, Thursday and Saturday at 5.10 p. m. Six semester-hour credits. Doctor SOLNITZKY.

Second Section. For Undergraduates and Graduates.

(General Psychology is prerequisite for all courses in the second and third sections.)

29. *Child Psychology*.—Same as Education 29. (See page 105.)

31. *Psychological Tests*.—The testing of intelligence, special abilities, and educational accomplishments, accompanied by practical work with group and individual tests. Special attention will be paid to the use of tests in the fields of education, industry, business and the medico-legal fields. Monday, Wednesday and Friday, 6.05 p. m. Six semester-hour credits. Associate Professor MOSS.

32. *Mental and Educational Tests*.—(Same as Education 32.)

36. *Mental Hygiene*.—Types of normal and abnormal human behavior; the relation between mental ill health and anti-social conduct; individual differences; the meaning of mental tests and examinations; mental hygiene problems of childhood and adolescence. Opportunity will be given at clinics to observe the various mental types discussed. Tuesday and Thursday at 5.10 p. m. Two semester-hour credits. Dr. RICHMOND.

40. *Social Psychology*.—A study of the principles underlying man's behavior in relation to others. First semester. Tuesday, Thursday and Saturday at 5.10 p. m. Three semester-hour credits. Mr. MIDDLETON.

44. *Comparative and Animal Psychology*.—A study of the evolution of animal behavior from the lowest forms up to man. Second semester. Tuesday, Thursday and Saturday at 5.10 p. m. Three semester-hour credits. Mr. MIDDLETON.

50. *Seminar in Psychology*.—A study of the bases of human behavior. Tuesday, 7.30-9.30 p. m. Six semester-hour credits. Associate Professor MOSS.

54. *Test Construction*.—Study of the principles underlying the construction and application of psychological and vocational tests. The class will be conducted on the laboratory method and will undertake the actual construction and standardization of tests in certain vocational fields. Prerequisite: Psychology 31 or its equivalent. Thursday, 7.30-9.30 p. m. Six semester-hour credits. Associate Professor MOSS.

PUBLIC SPEAKING

First Section. Primarily for Undergraduates.

1. The purpose of this course is to set forth the principles of effective public speaking, and to develop the expressional power of the student. There will be extensive drill in the making of outlines, the writing and delivery of short speeches. Voice training, vocabulary building and general platform deportment will be studied. Practice in extemporaneous speaking during second semester. Section A—Tuesday and Thursday at 11.50-a. m.; Section B—Tuesday and Thursday at 5.10 p. m. Four semester-hour credits. Assistant Professor FARNHAM.

ROMANCE LANGUAGES AND LITERATURES

NOTE: Courses in the Department of Romance Languages carry credit only for the completion of the entire course; no credit is given for the completion of one semester's work, unless written permission is granted by the head of the department.

Undergraduate Major in Romance Languages.

Courses 1, 2, 3, 4, 7 and 8 in French and Spanish may not be counted toward a major. The requirements may be satisfied by completing satisfactorily 24 semester hours in one of the following ways: (a) in French, Course 5 or 6 and 18 semester hours in second or third-group courses; (b) in Spanish, Course 5 or 6 and 18 semester hours in second or third-group courses; (c) in Romance Languages, French or Spanish 5 or 6 (one course only) and either 18 semester hours in second or third-group courses in the other language, or 6 semester hours in second or third-group courses in one language and 12 semester hours in second or third-group courses in the other.

French

First Section. Primarily for Undergraduates.

1. *First-Year Course.*—For beginners. Fraser and Squair's French Grammar. Grammar, composition, drill in pronunciation, translation and reading of modern French fiction, comedy and history. Six semester-hour credits. Section A—Monday, Wednesday and Friday, 9.05 a. m.; Section B—Tuesday, Thursday and Saturday, 9.05 a. m.; Section C—Tuesday, Thursday and Saturday, 9.05 a. m. Assistant Professor PROTZMAN and Mr. DEIBERT.

2. *First-Year Course.*—For beginners. Parallel with Course 1. Fraser and Squair's French Grammar. Six semester-hour credits. Section A—Monday, Wednesday and Friday, 5.10 p. m.; Section B—Monday, Wednesday and Friday, 6.05 p. m.; Section C—Tuesday, Thursday and Saturday, 5.10 p. m.; Section D—Tuesday, Thursday and Saturday, 6.05 p. m. Assistant Professor FOSTER, Messrs. DEIBERT and KRAMER.

Section X. (Second semester. This section will be given if elected by a sufficient number of students. No credit will be given for Section 2X unless the student takes the work of the second semester in the Summer School of the same year.) Three semester-hour credits. Hours to be announced.

3. *Second-Year Course.*—Fraser and Squair's French Grammar. First text, Feuillet, "Le Roman d'un jeune homme pauvre" (D. C. Heath and Co.); other texts to be announced. Open to students who have passed in French 1 or 2, or have fulfilled the admission requirements in Elementary French. Six semester-hour credits. Section A—

Monday, Wednesday and Friday, 10.05 a. m.; Section B—Tuesday, Thursday and Saturday, 10.05 a. m.; Section C—Monday, Wednesday and Friday, 11.50 a. m.; Section D—Monday, Wednesday and Friday, 11.50 a. m. Professor HENNING, Assistant Professors FOSTER and PROTZMAN.

4. *Second-Year Course*.—Parallel with Course 3. Fraser and Squair's French Grammar. First text, Feuillet, "Le Roman d'un jeune homme pauvre" (D. C. Heath and Co.); other texts to be announced. Six semester-hour credits. Section A—Tuesday, Thursday and Saturday, 5.10 p. m.; Section B—Tuesday, Thursday and Saturday, 6.05 p. m.; Section C—Tuesday, Thursday and Saturday, 5.10 p. m.; Section D—Tuesday, Thursday and Saturday, 6.05 p. m. Messrs. CULLOM, DEIBERT and KRAMER.

5. *Survey of Modern French Literature*.—(Seventeenth, eighteenth and nineteenth centuries.) Translation, collateral reading and conferences thereon, lectures on literature. Open to students who have passed in French 3 or 4, or have fulfilled the admission requirements in Advanced French. Six semester-hour credits. Monday, Wednesday and Friday, 4 p. m. Professor HENNING and Assistant Professor FOSTER.

6. *Survey of Modern French Literature*.—Parallel with Course 5. Six semester-hour credits. Tuesday, Thursday and Saturday, 6.05 p. m. Assistant Professor PROTZMAN.

7. *Composition and Conversation (Elementary Course)*.—Open to students who have passed in Course 1 or 2, or have fulfilled the admission requirements in Elementary French. Six semester-hour credits. Section A—Monday, Wednesday and Friday, 5.10 p. m.; Section B—Tuesday, Thursday and Saturday, 5.10 p. m. M. BENÉTEAU. (Each section will be given only if elected by at least ten students at the beginning of the year.)

8. *Composition and Conversation (Advanced Course)*.—Open to students who have passed in Course 7, or otherwise satisfy the instructor of their fitness to take it. Six semester-hour credits. Monday, Wednesday and Friday, 6.05 p. m. M. BENÉTEAU. (This course will be given only if elected by at least ten students at the beginning of the year).

Note: Courses 7 and 8 may not be taken in the same year. Neither 7 nor 8 may be substituted for Courses 1 or 2, 3 or 4, in satisfying the curriculum requirements for two years of modern languages.

Second Section, For Undergraduates and Graduates.

(Courses in this group are open to students who have passed in Courses 5 or 6, or otherwise satisfy the instructor of their fitness to take them.)

21. *Literature of the Seventeenth Century.*—History, philosophy, criticism, memoirs, letters, eloquence, drama, fiction, poetry. Balzac, Boileau, Corneille, Descartes, Fénelon, Mme. de La Fayette, La Bruyère, La Fontaine, La Rochefoucauld, Malherbe, Molière, Racine, Saint-Evremond, Saint-Simon, Mme. de Sévigné, etc. Translation, collateral reading and reports thereon, lectures on history and literature. Six semester-hour credits. Monday, Wednesday and Friday, 5.10 p. m. (Not given in 1926-27.) Professor HENNING.

23. *Literature of the Eighteenth Century.*—History, philosophy, criticism, letters, drama, fiction, poetry, the "salons," the idea of progress, the idea of science. Bayle, Fontenelle, Abbé de Saint-Pierre, Marquise de Lambert, Mme. de Tencin, Montesquieu, Voltaire, J.-J. Rousseau, Diderot, the Encyclopedists, etc. Translation, collateral reading and reports thereon, lectures on literature and history. Six semester-hour credits. Monday, Wednesday and Friday, 4 p. m. Mr. DEIBERT.

26. *Literature from 1750 to 1850; the Romantic Movement.*—History, criticism, travels, fiction, drama, lyric poetry. Rousseau, Bernardin de Saint-Pierre, Balzac, Baudelaire, Chateaubriand, Gautier, Hugo, Lamartine, Michelet, Musset, Sainte-Beuve, George Sand, Mme. de Staël, Thierry, Vigny, etc. Translation, collateral reading and reports thereon, lectures on literature and history. Six semester-hour credits. Monday, Wednesday and Friday, 5.10 p. m. Professor HENNING.

28. *Literature from 1850 to the Present.*—History, philosophy, criticism, fiction, drama, lyric poetry. Augier, Brunetière, Daudet, Dumas fils, Flaubert, France, Heredia, Hervieu, Leconte de Lisle, Lemaitre, Loti, Maeterlinck, Maupassant, Mérimée, Renan, Rostand, Sully Prudhomme, Taine, Verlaine, etc. Six semester-hour credits. Monday, Wednesday and Friday, 3 p. m. (Not given in 1926-27.) Professor HENNING.

40. *Modern Fiction.*—The French novel and short story, from the beginning of the nineteenth century to the present. Translation, collateral reading, lectures. Six semester-hour credits. Monday, Wednesday and Friday, 11.50 a. m. Professor HENNING.

Third Section. Primarily for Graduates.

(All graduate students in French are expected to report to Assistant Professor Jones at the opening of the college year for brief instruction in the use of books and libraries, the compilation and use of bibliographies, etc.)

50. *Old French.*—Philology and literature. *La Chanson de Roland*, the works of Chrétien de Troyes, etc. Phonology and morphology of Old French, with an outline of its development through Vulgar Latin. Survey of French Literature to the end of the thirteenth century. Some

knowledge of Latin is essential. Six semester-hour credits. Hours to be arranged. (Not given in 1926-27.) Professor DOYLE.

56. Opportunities are afforded to competent graduate students, under the guidance of members of the Department of Romance Languages, for original investigation and the study of special topics, linguistic or literary, in the Old French period, the Seventeenth Century, the Eighteenth Century, the Nineteenth Century, and Contemporary Literature. Meetings as arranged. Consult Professor HENNING.

Spanish

First Section. Primarily for Undergraduates.

1. *First-Year Course.*—For beginners. Hills and Ford's First Spanish Course. Grammar, written and oral composition, drill in pronunciation, translation of modern Spanish fiction, comedy and history. Six semester-hour credits. Section A—Monday, Wednesday and Friday, 9.05 a. m.; Section B—Tuesday, Thursday and Saturday, 9.05 a. m.; Section C—Monday, Wednesday and Friday, 10.05 a. m.; Section D—Tuesday, Thursday and Saturday, 11.50 a. m. Professor DOYLE, Assistant Professor FOSTER, Messrs. DEIBERT and CORLISS.

2. *First-Year Course.*—For beginners. Parallel with Course 1. Hills and Ford's First Spanish Course. Six semester-hour credits. Section A—Monday, Wednesday and Friday, 5.10 p. m.; Section B—Monday, Wednesday and Friday, 6.05 p. m.; Section C—Tuesday, Thursday and Saturday, 5.10 p. m.; Section D—Tuesday, Thursday and Saturday, 6.05 p. m. Professor DOYLE, Assistant Professors JONES and FOSTER, Mr. CORLISS.

Section X: (Second half year. This section will be given if elected by a sufficient number of students.) No credit will be given for Section 2X unless the student takes the work of the second semester in the Summer School of the same year. Hours to be announced.

3. *Second-Year Course.*—Review of grammar, composition, translation of modern Spanish prose and poetry, collateral reading. First text, Benavente, "Tres Comedias" (Heath). Open to students who have passed in Course 1 or 2, or have fulfilled the admission requirements in Elementary Spanish, or otherwise satisfy the instructor of their fitness to take the course. Six semester-hour credits. Section A—Monday, Wednesday and Friday, 10.05 a. m.; Section B—Tuesday Thursday and Saturday, 10.05 a. m.; Section C—Monday, Wednesday and Friday, 10.05 a. m. Professor DOYLE, Assistant Professor PROTZMAN, Mr. DEIBERT.

4. *Second-Year Course.*—Parallel with Course 3. Six semester-hour credits. First text, Benavente, "Tres Comedias" (Heath). Section A—Monday, Wednesday and Friday, 5.10 p. m.; Section B—Tuesday, Thursday and Saturday, 5.10 p. m.; Section C—Tuesday, Thursday

and Saturday, 5.10 p. m. Assistant Professor PROTZMAN, Mr. CORLISS.

5. *General Survey of Modern Spanish Literature*.—Seventeenth, eighteenth and nineteenth centuries; contemporary writers. Translation of representative works of fiction, drama and poetry. Lectures on the history of Spanish Literature. Outside reading and reports. Open to students who have passed in Spanish 3 or 4, or who otherwise satisfy the instructor of their fitness to take the course. Six semester-hour credits. Monday, Wednesday and Friday, 11.50 a. m. Professor DOYLE.

6. *Parallel with Spanish 5*.—Six semester-hour credits. Monday, Wednesday and Friday, 5.10 p. m. Assistant Professor JONES.

7. *Conversation and Composition (Elementary Course)*.—Open to students who have passed in Spanish 1 or 2, or have fulfilled the admission requirements in Elementary Spanish. Section A—Monday, Wednesday and Friday, 5.10 p. m.; Section B—Tuesday, Thursday and Saturday, 5.10 p. m. Six semester-hour credits. Mr. VÁZQUEZ.

(Each section will be given only if elected by at least ten students at the beginning of the year.)

8. *Conversation and Composition (Advanced Course)*.—Open to students who have passed in Spanish 7, or otherwise satisfy the instructor of their fitness to take it. Six semester-hour credits. Monday, Wednesday and Friday, 6.05 p. m. Mr. VÁZQUEZ. (This course will be given only if elected by at least ten students at the beginning of the year.)

NOTE: Courses 7 and 8 may not be taken in the same year. Neither 7 nor 8 may be substituted for Courses 1 or 2, 3 or 4, in satisfying the curriculum requirements for two years of modern languages.

Second Section. For Undergraduates and Graduates.

(Courses in this group are open to students who have passed in Course 5 or 6 or otherwise satisfy the instructor of their fitness to take them.)

22. *Spanish Literature of the Sixteenth and Seventeenth Centuries*.—The Golden Age. Cervantes, Lope de Vega, Calderón. The classic Spanish drama. Origins and rise of the novel. The ballad. Lyric poetry. References to the influence of Spanish literature upon French and English. Translation, reports on outside reading, lectures. A large amount of collateral reading will be required. Monday, Wednesday and Friday, 4 p. m. Six semester-hour credits. (Not given in 1926-27.) Professor DOYLE.

24. *Spanish Drama from the Eighteenth Century to the Present*.—The French School: Moratín, etc. Ramón de la Cruz. Romantic and historical drama. The comedy of manners. Psychological and social drama. Contemporary dramatists. A large amount of collateral reading will be required. Translation, reports on outside reading, lectures.

Six semester-hour credits. Monday, Wednesday and Friday, 4 p. m. Professor DOYLE.

26. *The Spanish Novel from the Eighteenth Century to the Present.*—Romantic and historical novelists; the *costumbristas*; the novel of manners; the regionalists; contemporary novelists. A large amount of collateral reading will be required. Translation, reports on outside reading, lectures. Six semester-hour credits. Monday, Wednesday and Friday, 4 p. m. (Not given in 1926-27.) Professor DOYLE.

28. *Spanish-American Literature in Prose and Verse.*—Study of leading critics, essayists, historians, novelists, poets; Rodó, Hostos, Blanco-Fombona, Blest Gana, Olmedo, Bello, Heredia, Darío, Chocano, Valencia, Nervo, etc. Lectures, translation, reports on outside reading. A large amount of collateral reading will be required. Six semester-hour credits. Tuesday, Thursday and Saturday, 6.05 p. m. (Not given in 1926-27.) Assistant Professor JONES.

Third Section. Primarily for Graduates.

(All graduate students in Spanish are expected to report to Assistant Professor JONES at the opening of the college year for brief instruction in the use of books and libraries, the compilation and use of bibliographies, etc.)

50. *Old Spanish.*—Philology and Literature. *Poema del Cid*, *Libro de Buen Amor*, *Conde Lucanor*, etc. Menéndez Pidal's "Manual elemental de gramática histórica española" and Ford's "Old Spanish Readings" (Ginn). Some knowledge of Latin is essential. Six semester-hour credits. Monday, Wednesday and Friday at 5.10 p. m. Professor DOYLE.

56. *Courses of Special Study.*—Opportunities are afforded to competent graduate students, under the guidance of members of the Department of Romance Languages, for original investigation and the study of special topics, linguistic or literary, in the Old Spanish period, the Renaissance, the Golden Age, the Eighteenth and Nineteenth Centuries, Contemporary Literature, and the Literature of Spanish-America. Meetings as arranged. Consult Professor DOYLE.

Italian

First Section. Primarily for Undergraduates.

1. *First-Year Course.*—For beginners. Wilkins' First Italian Book. Grammar, composition, drill in pronunciation, translation and reading of modern Italian fiction, comedy, history, and descriptive matter. Six semester-hour credits. Tuesday, Thursday and Saturday, 10.05 a. m. Professor DOYLE. (This course will be given only if elected by at least twelve students at the beginning of the year.)

4. *Second-Year Course.*—Grandgent's Italian Grammar. First text, Giacoia, "Tristi Amori." Other texts to be announced. Open to

students who have passed in first-year Italian or otherwise satisfy the instructor of their fitness to take the course. Six semester-hour credits. Tuesday, Thursday and Saturday, 5.10 p. m. (Not given in 1926-27.)

SEMITIC LANGUAGES AND LITERATURE

Second Section. For Graduates and Undergraduates.

20. *Elementary Hebrew*.—Hebrew vocabulary and grammar; reading, translations of simple passages and briefer exercises. This course is open to beginners. Two hours a week. Four semester-hour credits.

22. *Advanced Hebrew*.—An intensive study of Hebrew grammar and its relation to Semitics in general. Comparative Semitic philology will be pursued. Translations of longer passages of prose and poetry. Readings and selections from the Old Testament and post-biblical literature. Two hours a week. Four semester-hour credits. Professor SCHAPIRO.

Third Section. Primarily for Graduates.

50. Study of the history and development of Hebrew and cognate literatures. Certain epochs of Jewish History. A review of Modern Hebrew literature with particular emphasis on productions of the Haskala period. Special topics in addition to be selected by candidates. Six semester-hour credits. Professor SCHAPIRO.

SOCIOLOGY

(See Economics.)

STATISTICS

(See Economics.)

ZOOLOGY

First Section. Primarily for Undergraduates.

1. *Systematic Zoology*.—Invertebrates. This includes lectures and laboratory work. The lectures cover all the branches of Invertebrates, and correlated with these lectures is the study and dissection of typical specimens in each group. This course is intended to familiarize the student with zoological characters, classificatory laws, and the general principles of biology and evolution.

Lecture, Wednesday, at 5.10 p. m.; laboratory, Tuesday and Thursday, 2-4 p. m., and Monday and Friday, 5.10-7 p. m. Text, Parker and Haswell, *A Text-book of Zoology*, Vol I, The MacMillan Co. Six semester-hour credits. (No credit for half-year work.) Professor BARTSCH, Mrs. BOWMAN, Mr. McCLOSKEY, Mrs. BEIJ and Miss EWELL.

2. *Systematic Zoology*.—Vertebrates. This includes lectures and laboratory work. The lectures will cover the various branches of Vertebrates, and correlated with these is the study and dissection of typical specimens of each group. Prerequisite: Zoology I.

Lecture, Monday, 6.05 p. m.; laboratory, Wednesday and Friday, 5.10-7 p. m. Text, Parker and Haswell, *A Text-book of Zoology*, Vol. II, The MacMillan Co. Six semester-hour credits. (No credit for half-year work.) Professor BARTSCH, Mrs. BOWMAN, Mr. McCLOSKEY, Mrs. BEIJ and Miss EWELL.

3. *Pre-Medical Zoology*.—An abridged course of Zoology I and II covering the semester-hour requirement of the American Medical Association. In this course the same sequence as that in the other two courses is followed, but the types selected for discussion and dissection are such as will prove of especial importance to the medical student. Students, however, are urged whenever possible to take the more extended courses.

First Semester. Lecture, Monday and Friday, 5.10 p. m. Laboratory, Tuesday and Thursday, 9-11 a. m.; Wednesday and Friday, 3-5 p. m.; Monday and Wednesday, 6-8 p. m.

Second Semester. Lecture, Monday, 5.10 p. m. Laboratory, Tuesday, Thursday and Saturday, 9.05-11.05 a. m.; Monday, Wednesday and Friday, 3-5 p. m.; Monday, 6-8 p. m.; Wednesday and Friday, 5.10-7 p. m. Text, Parker and Haswell, *A Text-book of Zoology*, Vols. I and II, The MacMillan Co., and Davison *Mammalian Anatomy*. Eight semester-hour credits. (No credit for half-year work.) Professor BARTSCH, Mrs. BOWMAN, Mr. McCLOSKEY, Mrs. BEIJ and Miss EWELL.

Second Section. For Undergraduates and Graduates.

23. *Ornithology*.—A systematic course embracing lectures and laboratory work. The lectures are illustrated with lantern slides, showing the home life of birds. The laboratory work consists in classifying birds. The splendid District of Columbia exhibit in the U. S. National Museum will be consulted in this work. Special attention is directed to the study of the birds of the District of Columbia, and frequent field excursions are made to familiarize the student with the haunts and habits, calls and songs of our native birds. Lecture, Friday, 6.05 p. m.; laboratory, one two-hour period, at students' convenience. Four semester-hour credits. Students may enroll for this course in any semester. Text, Frank M. Chapman, *Birds of Eastern North America*. Professor BARTSCH.

24. *General Entomology*.—This course embraces lectures on the characteristics of the various orders and more important families of insects, as well as the habits of representative species. Each lecture will be supplemented by two laboratory periods which will be devoted to a study of the structure of typical forms and practice in identification.

First Semester. Lecture, Wednesday, 6.05 p. m.; laboratory, Monday and Friday, 5.10-7 p. m. Text, Comstock, *Introduction to Entomology*.

mology, Comstock Pubs. Co. Prerequisite: Zoology I and II or III. Mr. SHANNON.

25. *Economic Entomology*.—This course embraces lectures discussing the life histories of such insects as are of economic importance, in so far as they influence agricultural pursuits or sanitary problems. Methods of control will also be discussed. The laboratory work will consist of an actual study of the principal pests and insecticidal agencies.

Second Semester. Lecture, Wednesday, 6.05 p. m. Laboratory, Monday and Friday, 5.10-7 p. m. Text, Fernald, Applied Entomology, McGraw Hill Book Co.; Fox, Insects and Disease, Lippincott & Co. Prerequisite: Zoology 24. Mr. SHANNON.

26. *Practical Zoology*.—A lecture course illustrated with lantern slides and demonstrations. In this course only beneficial and injurious animals of all classes will be considered, especial stress being laid upon the problems of preservation and extermination. The course aims to expound the economic side of zoology. Open to all students. One hour. Two semester-hour credits. Professor BARTSCH.

27. Laboratory courses in histology and physiology will be arranged for competent students.

Third Section. Primarily for Graduates.

50. Students who have the necessary basic training may arrange to undertake advanced work or individual research with Professor BARTSCH. Such courses will cover six semester-hour credits.

SUMMER SCHOOL

ARTS AND SCIENCES

1926

CALENDAR

- June 11. Registration begins.
- June 14. Instruction begins in the nine-week classes and all others not starred.
- July 4. Holiday.
- July 6. Instruction begins in the six-week classes marked by a star (*).

ADMISSION

All the work offered is of college grade and rests upon a minimum preparation of high school graduation or the equivalent. Unless a student wishes to matriculate in the University, the formal presentation of entrance credentials is not required.

REGISTRATION

Registration for courses, changes in registration, and the dropping of courses are effected in the Registrar's office, 2033 G Street N.W. This office will be open to receive registrations from 9 a. m. to 6 p. m. after June 11 and students are urged to register before the classes they wish to enter begin. Registration for credit in any class closes three days after the class has started, unless written permission to the contrary is granted by the Director.

CREDIT

The units of credit in semester hours carried by the several courses are indicated both in the schedule of classes on pages 8-10 and in the descriptive outlines of the course on pages 11-22. A semester hour of work covers a minimum of fifteen class or laboratory periods.

Work satisfactorily completed in the Summer School will be accredited toward a degree at George Washington University on the same basis as work completed during the regular session. No student is permitted to take more than three courses without the special permission of the Director who may for reasons of weight permit a student to register for a fourth course. Students regularly employed will not be allowed to register for more than two courses without the special permission of the Director.

A division of courses into three sections is recognized. First section courses, numbered from 1 to 19, inclusive, are planned primarily for lower classmen; second section courses, numbered from 20 to 49, inclusive, for upper classmen; and third section courses, numbered 50 and above, for graduate students. First section courses may not be

credited toward the higher degrees, and second section courses, unless otherwise noted, may be so credited only after additional work in them has been satisfactorily completed. Third section courses may not be entered by students without a bachelor's degree except with the approval of the instructors concerned. Candidates for the master's degree at George Washington University must complete at least six semester hours of work in the third section.

HIGHER DEGREES

For a detailed statement of the requirements for the higher degrees the student is referred to the regular catalogue of the University. For the degree of Ph.D. at least one year of attendance in the regular session is required, but the requirements for the degree of A.M. or M.S. in Chemistry, may be satisfied by Summer School attendance. These requirements involve the satisfactory completion of twenty-four semester hours of work, the completion of an essay and a minimum attendance of twenty-four weeks. The candidate's choice of subjects must be approved by his major department and the Dean of the School of Graduate Studies. Candidates for higher degrees should register in the School of Graduate Studies as well as in the Summer School.

FEES

Tuition is charged at the rate of \$7.00 for each semester hour of work taken, except in the case of students who were in attendance during 1924-25 who will be charged tuition fees in accordance with the statements in the catalogue of 1924-25. Laboratory fees are additional as follows:

Chemistry 2, 3, 7 and 9, each.....	\$10.00
Chemistry 20 and 21, each.....	25.00
Chemistry 8 and 23, Physics 4a and 4b, each.....	5.00
Home Economics 1a.....	5.00
Home Economics 28.....	2.50
Zoology 3	7.50

Breakage deposits, the amount paid in excess of breakage to be returned:

Chemistry 2, 3, 7, 8, 9, and 23, each.....	10.00
Chemistry 20	15.00
Chemistry 21	20.00
Microscope rental:	
Zoology 4	2.00
Zoology 3 and Botany 1, each.....	5.00

PAYMENT OF FEES

The Cashier's office, where all fees are paid, is located at 2033 G Street, across the hall from the Registrar's office. Fees are due upon registration, but the nine-week students may pay their fees in three equal installments, at the time of registration, July 1 and July 15,

and the six-week students in two equal installments, at the time of registration and July 15. Students whose fees are not paid in full three days after the final dates mentioned and who have not made arrangements for later payment with the Treasurer will be dropped.

Students who are compelled to withdraw before the end of the session should promptly notify the Registrar, who will make a fair adjustment of the fees. No separate registration fee is charged, but one dollar of the tuition fee may not be canceled. As the fiscal year of the University ends August 31, no requests for refunds can receive consideration after that date.

LIBRARY

The University Library is located on the first floor of Lisner Hall (Building 4). The Library will be open during the summer session from 8.30 a. m. to 12.30 p. m. and 3 to 9 p. m.

DIRECTOR

The office of the Director of the Summer School is located on the first floor of the Administration Building (A 11), 2100 G Street.

CAFETERIA

The University maintains a cafeteria dining room for the benefit of members of the University where wholesome food is served at reasonable prices. The cafeteria is located in Building 7, 2022 G Street.

HOUSING FACILITIES

A register of approved rooms is kept in the office of the Dean of Women (2-11), where inquiries in respect to housing facilities should be addressed. Rooms in private houses, dining rooms, restaurants and cafeterias are found in abundance near the University.

ASSEMBLY EXERCISES

It may truly be said that the education of an American citizen is not complete without a visit to the nation's capital. The knowledge gained forms a background for both intelligent and appreciative citizenship. This is doubly true of the American teacher. He needs this knowledge not only as a citizen but even more as a teacher. History, geography, literature, civics, and current events, are all vivified by a first-hand knowledge of Washington and its environment.

The Summer School of 1926 will continue the custom begun in 1924 of holding assembly exercises that will be of interest to the entire student body. These exercises will consist in the main of addresses by eminent visiting speakers and members of the faculty, of musical entertainments and of social functions. A program of special features will be issued shortly after the beginning of the session.

OFFICERS OF ADMINISTRATION

WILLIAM MATHER LEWIS, A.M., LL.D.	<i>President of the University</i>
HOWARD LINCOLN HODGKINS, Ph.D., Sc.D.	<i>Dean of the University</i>
ELMER LOUIS KAYSER, A.M.	<i>Director of the Summer School, and Secretary of the University</i>
CHARLES WENDELL HOLMES	<i>Treasurer</i>
LINDA JANE KINCANNON, A.M.	<i>Registrar</i>
ALFRED FRANCIS WILLIAM SCHMIDT, A.M.	<i>Librarian</i>
JOHN RUSSELL MASON, A.M.	<i>Assistant Librarian</i>

OFFICERS OF INSTRUCTION

MARION S. ALLEY	<i>Assistant in Chemistry</i>
LEVI RUSSELL ALDEN, A.M., LL.B.	<i>Professor of Commercial Law</i>
GEORGE KUMLER ANDERSON, Ph.D.	<i>Instructor in English</i>
COURTLAND DARKE BAKER, A.M.	<i>Instructor in English</i>
PAUL BARTSCH, Ph.D.	<i>Professor of Zoology</i>
RAY SMITH BASSLER, Ph.D.	<i>Professor of Geology</i>
ANDRE BENETEAU, B.L., M.A.	<i>Instructor in French</i>
ROBERT WHITNEY BOLWELL, Ph.D.	<i>Associate Professor of English</i>
MARY QUICK BOWMAN, A.B.	<i>Instructor in Zoology</i>
THOMAS BENJAMIN BROWN, Ph.D.	<i>Professor of Physics</i>
HARRIET BUNDICK	<i>Assistant in Zoology</i>
GEORGE MORTON CHURCHILL, Ph.D.	<i>Professor of History</i>
JUNE COOPER	<i>Assistant in Botany</i>
R. S. COTERILL, Ph.D.	<i>Professor of History, University of Louisville</i>
DEWITT CLINTON CROISSANT, Ph.D.	<i>Professor of English</i>
CORINNE DEBARYSHE	<i>Assistant in Chemistry</i>
ALAN DEIBERT, M.A.	<i>Instructor in Romance Languages</i>
MINNA C. DENTON, Ph.D.	<i>Professor of Home Economics</i>
HENRY GRATTAN DOYLE, A.M.	<i>Professor of Romance Languages</i>
JOHN THOMAS ERWIN, A.M.	<i>Professor of Mathematics</i>
RALPH C. FOSTER, A.M.	<i>Assistant Professor of Romance Languages</i>
C. L. FREDERICK, A.B.	<i>Assistant in Physics</i>
ROBERT F. GRIGGS, Ph.D.	<i>Professor of Botany</i>
PAUL E. GROPP, A.B.	<i>Instructor in German</i>
RAYMOND M. HANN, B.S. in Chem.	<i>Assistant in Chemistry</i>
EDWARD P. HENDERSON, A.B.	<i>Assistant in Geology</i>
GEORGE NEELY HENNING, A.M., Litt.D.,	<i>Professor of Romance Languages and Dean of the School of Graduate Studies</i>
CHARLES EDWARD HILL, Ph.D.	<i>Professor of Political Science</i>
HARRY GRANT HODGKINS, A.B.	<i>Associate Professor of Mathematics</i>

LAWRENCE G. HOOVER, A.M., Central High School, Washington, D. C.	<i>General Science</i>
HOWARD A. JONES, B.S. in Chem.	<i>Assistant in Chemistry</i>
ELMER LOUIS KAYSER, A.M.	<i>Associate Professor of History</i>
ROBERT RUSS KERN, A.B.	<i>Professor of Economics</i>
EDNA KILPATRICK	<i>Home Economics</i>
COLIN MACKENZIE MACKALL, Ph.D.	<i>Professor of Chemistry</i>
JOHN RUSSELL MASON, A.M.	<i>Assistant Librarian</i>
WILLIAM T. McCLOSKEY, A.B.	<i>Assistant in Zoology</i>
HIRAM C. McNEIL, Ph.D.	<i>Professor of Chemistry</i>
GEORGE F. MILLER, Ph.D.	<i>Professor of Education, University of Oklahoma</i>
FRED AUGUST MOSS, Ph.D.	<i>Associate Professor of Psychology</i>
J. ORIN POWERS, Ph.D.	<i>Assistant Professor of Education</i>
MERLE I. PROTZMAN, A.M., <i>Assistant Professor of Romance Languages</i>	
LOWELL J. RAGATZ, Ph.D.	<i>Instructor in History</i>
CHARLES ELMER RESSER, Ph.D.	<i>Assistant Professor of Geology</i>
EDWARD ELLIOTT RICHARDSON, M.D., Ph.D.	<i>Professor of Philosophy</i>
WILLIAM MCKINLEY ROBINSON, M.A., Specialist U. S. Bureau of Education	<i>Education</i>
ALFRED F. W. SCHMIDT, A.M.	<i>Professor of Library Science</i>
AUDLEY L. SMITH, A.M.	<i>Instructor in English</i>
HAROLD GRIFFITH SUTTON, M.S.	<i>Associate Professor of Economics</i>
PETER VALAER, M.S.	<i>Assistant in Chemistry</i>
BENJAMIN DOUGLASS VAN EVERA, M.S.	<i>Instructor in Chemistry</i>
ANGEL C. VASQUEZ	<i>Instructor in Spanish</i>
WARREN REED WEST, Ph.D.	<i>Instructor in Political Science</i>
WILLIAM ALLEN WILBUR, A.M., Litt.D., <i>Professor of English and Dean of Columbian College</i>	
ARTHUR DAVIS WRIGHT, A.M., Ed.M.	<i>Professor of Education, Dartmouth College</i>

SCHEDULE OF CLASSES

Courses which are starred (*) begin July 6. All other courses begin June 14. Classes meet five times a week or the equivalent. Credits are stated in semester hours.

Course.	7:45-8:40 A. M.	Credits.	Instructor.	Room.
1	General Astronomy	3	Erwin	C.H. 24
34	International Finance	3	Sutton	C.H. 21
*21a	Principles of Education	2	Miller	C.H. 22
22	History of Education	3	Powers	C.H. 15
*22	Mediæval and Modern Education	2	Powers	C.H. 15
*26	Elementary Education	2	Robinson	C.H. 32
* 2a	Rhetoric	3	Wilbur	C.H. 23
1	Mineralogy	6	Henderson	4-34
4	German	3	Gropp	C.H. 25
7	Mediæval History	3	Ragatz	C.H. 29
9a	American History	3	Coterill	C.H. 35
* 1a	Food Economics (to 9:45)	3	Kilpatrick	8-13
3	State Government	3	West	C.H. 33
8:00-10:00				
* 4	Nature Study—Zoology	2	Bartsch	C.H. 31
9:15-10:15.				
*21b	Teaching Process	2	Miller	C.H. 22
*24	History of American Education	2	Wright	C.H. 21
*25a	High School	2	Powers	C.H. 15
*XXXIV	Modern European Drama	2	Croissant	C.H. 24
*32	Shakespeare	2	Wilbur	C.H. 23
*21	History of the Old South	2	Coterill	C.H. 35
*21	Philosophy	2	Richardson	C.H. 25
9:45-11:45				
*28	Dietetics	4	Denton	8-13
10:15-11:15				
*11	Educational Psychology	2	Miller	C.H. 22
*25b	Junior High School	2	Powers	C.H. 15
*54	Administration and Supervision	2	Wright	C.H. 21
*XX	Science and Literature	2	Croissant	C.H. 24
*XLIII	Idylls of the King	2	Wilbur	C.H. 23
*37	The Italian Renaissance	2	Kayser	C.H. 35
*26	Political Parties	2	West	C.H. 33
*11	Psychology	2	Miller	C.H. 22
11:15-12:15				
*20	Experimental Sociology (to 12:45)	3	Kern	C.H. 29
*16	Junior High School Science	2	Hoover	C.H. 25
*31b	Educational Tests and Measurements	2	Wright	C.H. 21
*21	Bible	2	Croissant	C.H. 24
*45	Modern Imperialism	2	Ragatz	C.H. 22
*25	Political Theory	2	West	C.H. 15

4:10-5:10

XL	Short Story	3	Anderson	C.H. 17
10	Third-Year French	3	Henning	5-21
55	Pro-seminar in History	3	Churchill	7-21
21	Governments of Great Britain and France	3	Hill	C.H. 27

5:10-6:00

33a	Contracts	2	Alden	8-21
6a	Survey of English Literature	3	Bolwell	6-22
28	Chaucer	3	Anderson	C.H. 17
1	First-Year French (also at 6:55)	6	Deibert	C.H. 25
4	Second-Year French (also at 6:55)	6	Henning	5-21
7	French Composition and Conversation	3	Beneteau	4-27
12	Modern History	3	Ragatz	C.H. 29
26a	History of the West	3	Churchill	7-21
1	Cataloguing—Library Science	3	Schmidt	4-29
4a	College Algebra	3	Hodgkins	5-11
9b	Analytic Geometry	3	Erwin	4-21
3a	General Physics	3	Brown	4-14
1	Government of U. S.	3	Hill	C.H. 27
12b	Psychology	3	Moss	6-12
1	First-Year Spanish (also at 6:55)	6	Protzman	C.H. 15
4	Second-Year Spanish (also at 6:55)	6	Doyle	6-21
3	Pre-medical Zoology	3	Bartsch	5-12

5:00-8:00

1	Botany—Living Plant	3	Griggs	6-11
2	Plant Kingdom	3	Griggs	6-11

5:10-6:55

5	Plant Adaptation	3	Griggs	6-11
1	General Chemistry	6	McNeil	C.H. 39
23	Organic Chemistry	10	Mackall	C.H. 37
2	Principles of Economics	6	Sutton	5-22
21	Experimental Sociology	6	Kern	C.H. 36
2	General Geology	4	Bassler	4-34
2	First-Year German	6	Gropp	4-24

6:05-6:55

33b	Commercial Paper	2	Alden	8-21
6b	Survey of English Literature	3	Bolwell	6-22
XXXVIII	Romantic Movement	3	Smith	C.H. 17
2b	Second Semester French	3	Deibert	C.H. 25
9b	American History	3	Coterill	C.H. 29
25a	English History	3	Churchill	7-21
20	Classification—Library Science	3	Schmidt	4-29
4b	Geometry and Trigonometry	3	Hodgkins	5-11
9a	Plane and Spherical Trigonometry	3	Erwin	4-21
26	Logic	3	Richardson	5-12
3b	General Physics	3	Brown	4-14
23	City Government	3	Hill	C.H. 27
12a	Psychology	3	Moss	6-12

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2b	Second Semester Spanish	3	Doyle	6-21
7	Spanish Conversation and Com- position	3	Vasquez	4-27
10	Spanish Novelists	3	Doyle	C.H. 15
6:55-7:45				
XXV	American Poets	3	Smith	C.H. 17
52	Elizabethan Literature	3	Bolwell	6-22
3	Geography	2	Bassler	4-34
28	Ethics	3	Richardson	5-12
1	First-Year French (also at 5:10)	6	Deibert	C.H. 25
4	Second-Year French (also at 5:10)	6	Henning	5-21
1	First-Year Spanish (also at 5:10)	6	Protzman	C.H. 15
4	Second-Year Spanish (also at 5:10)	6	Doyle	6-21
7:00-10:00				
4a	Laboratory Physics	2	Frederick	
4b	Laboratory Physics	2	Frederick	
7:50-8:40				
30	Reference and Administration— Library Science	3	Schmidt	4-29
50	Abnormal Psychology	3	Moss	6-12

COURSES OF INSTRUCTION

Courses preceded by a star (*) begin on July 6, all other courses begin on June 14. Courses corresponding approximately to those offered during the regular session are given corresponding numbers. Courses not so corresponding are assigned Roman numerals. The letters a and b following some of the numbers signify correspondence respectively to first and to second semester work of the regular session. Courses called for by less than ten students may be withdrawn.

ASTRONOMY

1. *Popular Astronomy*.—A course in elementary descriptive astronomy designed to give facts of general interest without the use of higher mathematics. Recitations, lectures, and papers on special topics. At 7:45 a. m. Three semester-hour credits. Professor ERWIN.

BOTANY

A student intending to major in Botany should take Course 3 along with 1 and 2 of the first year, follow with 20 or 23 and 24 and 25 the second year and with 21 and 22 the junior year. He should acquire a reading knowledge of French and German and choose among his electives, Chemistry, Geology, Physics, and Zoology.

Courses 1 and 2 in General Botany aim to present in orderly fashion such a knowledge of the vegetable kingdom as everyone needs to understand plants, their mode of life and their bearing on human affairs. Especial attention is given to metabolism, response, adaptation, inheritance and similar aspects of General Biology applicable alike to both plants and animals. Text: Holman and Robbins Textbook of General Botany.

1. *The Living Plant*.—A study of the structure and function of the flowering plant as a working mechanism. Recitation daily 5-6:15, laboratory daily 6:15-8. Three semester-hour credits. First half. Professor GRIGGS and Miss COOPER.

2. *The Plant Kingdom*.—A rapid survey of the principal groups of plants followed by practice in determining the common native plants. Schedule as in Botany 1. Second half. Three semester-hour credits. Professor GRIGGS and Miss COOPER.

3. *Field Botany*.—First-hand study of local flora designed to familiarize the student with the native plants and with methods of identification. A field trip Saturday afternoon is followed by laboratory periods Monday and Tuesday, 3-5. This course, together with courses 1 and 2 make up a rounded survey of plant life. The class will be organized Saturday, June 12, at 1 p. m. Three semester-hour credits. Professor GRIGGS and Miss COOPER.

5. *Plant Adaptation*.—A study of the structural responses by which plants meet the conditions of special environments. Prerequisite: Botany 1 and 2 or equivalent. Lecture-laboratory daily 5-7, field trip Wednesday afternoon. Three semester-hour credits. Professor GRIGGS and Miss COOPER.

CHEMISTRY

The laboratory will be open Monday to Friday inclusive, from 1-5 and 7-11 p. m.

1. *General Chemistry*.—A series of illustrated lectures, accompanied by recitations and exercises, on theoretical, inorganic, organic, and technical chemistry. At 5:10-6:55. Six semester-hour credits. Students without high school chemistry will be admitted. Professor MCNEIL.

2. *Laboratory Practice*.—A laboratory course for the study of the principles of chemistry and the method of conducting chemical experiments. Twenty hours laboratory work per week. Four semester-hour credits. Mr. VAN EVERA.

Courses 1 and 2 should be taken together.

3. *Synthetic Inorganic Chemistry*.—Syntheses of inorganic compounds. Twenty hours laboratory work per week. Four semester-hour credits. Mr. JONES.

7. *Qualitative Analysis*.—A brief course intended primarily for students in engineering. Twenty hours laboratory work per week. Four semester-hour credits. Mr. VALAER.

8. *Elementary Organic Chemistry*.—A lecture and laboratory course including both the aliphatic and aromatic series of compounds. Fifty-four lecture hours. Ten hours laboratory work per week. Hours to be arranged. Six semester-hour credits. Mr. HANN.

9. *Quantitative Analysis*.—A brief laboratory course designed to acquaint the student with the principles of both gravimetric and volumetric analysis. Twenty hours laboratory work per week. Four semester-hour credits. Mr. VAN EVERA.

23. *Organic Chemistry*.—A comprehensive course on the chemistry of the carbon compounds. No previous knowledge of organic chemistry required. Lectures, 5:10-6:55. Twenty hours laboratory work per week. Ten semester-hours credits. Professor MACKALL.

The following courses will be given if sufficient demand exists:

20. *Qualitative Analysis*.—Thirty hours laboratory work per week. Six semester-hour credits.

21. *Quantitative Analysis*.—Forty hours laboratory work per week. Eight semester-hour credits.

COMMERCIAL LAW

33a. *Commercial Law*.—Contracts. At 5:10. Two semester-hour credits. Professor ALDEN.

33b. *Commercial Law*.—Commercial Paper. At 6:05. Two semester-hour credits. Professor ALDEN.

ECONOMICS AND SOCIOLOGY

2. *Principles of Economics*.—A survey of the basic principles. The following topics suggest the scope of the course: value and price, business organization, money and banking, international trade, reparations, interest, rent, profits, wages, etc. The study of these fundamental principles will be followed by consideration of several outstanding economic problems such as transportation, agriculture, marketing, etc. This course is required for advanced courses in economics and commerce. Six semester-hour credits. At 5:10 and meeting through 6:55. (Two consecutive periods.) Associate Professor SUTTON.

Students already having credit for three hours of economics should communicate with the instructor and arrange to enter not later than July 14 for the second half of the course (i.e. the equivalent of the second semester of Economics 1 or 2).

*20. *Experimental Sociology*.—Similar to Course 21. 11:15 to 12:45. Three semester-hour credits. Professor KERN.

21. *Experimental Sociology*.—The course is devoted mainly to the study of social behavior, customs and social judgments upon such behavior. The student is expected to join the class in making careful observations of social conduct and in making a series of experiments adapted to the development of a better understanding and improved technics for the control of social conduct. At 5:10 and meeting through 6:55. Six semester-hour credits. Professor KERN.

34. *International Finance*.—Basic principles of international credit and exchange with particular reference to the conditions created by the World War; foreign exchange rates, gold movements, depreciated currencies and their effects on trade; limits of national credit; problem of reestablishing the international credit bases. Reparations; Inter-Allied Debts, etc. Prerequisite: Economics 1 or 2 or equivalent. Three semester-hour credits. At 7:45 a. m. Associate Professor SUTTON.

EDUCATION

III. *Junior High School Geography*.—Same as Geology 3. At 5:10. Two semester-hour credits. Professor BASSLER. (June 14-July 23.)

*11. *Educational Psychology*.—Same as Psychology 11. At 10:15. Two semester-hour credits. Professor MILLER.

*16. *Junior High School Science*.—A course in the teaching of general science. At 11:15. Two semester-hour credits. Mr. HOOVER.

*21a. *Principles of Education*.—This course will consider the bases, aims, objectives, and content of education as determined by biological.

psychological and sociological principles. At 7:45 a. m. Two semester-hour credits. Professor MILLER.

*21b. *The Teaching Process*.—A course in the principles underlying the teaching process as manifested in its intellectual, emotional and motor phases. Special attention will be given to making teaching concrete and meaningful. At 9:15. Two semester-hour credits. Professor MILLER.

*22. *History of Education*.—Current school problems and educational theories in the light of their history. June 14-July 2, Greek and Roman Education. July 6-August 14, medieval and modern education. This course may be entered July 6 for two semester-hours of credit. At 7:45 a. m. Three semester-hour credits for the full course. Assistant Professor POWERS.

*24. *History of American Education*.—A study of the development of American education from colonial times to the present. At 9:15. Two semester-hour credits. Professor WRIGHT.

*25a. *The High School*.—Recent growth in secondary education; aims and functions; types of reorganization; programs of study; classification and guidance; extra-curricular activities; plant; costs; standardization. At 9:15. Two semester-hour credits. Assistant Professor POWERS.

*25b. *The Junior High School*.—A study of the special purposes of the junior high school and the appropriate reorganization to achieve them; the program of studies; classification of pupils; types of reorganization; history of the movement. At 10:15. Two semester-hour credits. Assistant Professor POWERS.

*26. *Elementary Education*.—A study of the child, the learning process, the objectives, and the organization and presentation of subject-matter in the elementary grades, including the kindergarten. Problems peculiar to the teaching of several of the fundamental subjects together with the practical use of tests and scales to determine progress will be considered. Attention will be given to problems confronting the students in the class. Two semester-hour credits. At 7:45 a. m. Mr. ROBINSON.

*31b. *Educational Tests and Measurements*.—In this course the students will be introduced to the study of educational tests with consideration of the technique of their construction and administration, the interpretation of their results, and the modification of methods and programs to meet the conditions revealed. At 11:15. Two semester-hour credits. Professor WRIGHT.

*54. *Administration and Supervision*.—This course will deal with some of the problems confronting the superintendent, the supervisor and the principal, and those preparing for such work. A paper embodying constructive scholarship will be required of each member of

the class. Open to graduate students, principals and supervisors. Others may be admitted only by special permission of the instructor. At 10:15. Three semester-hour credits. Professor WRIGHT.

ENGLISH

*2a. *English Rhetoric*.—The course covers the text of the regular course for the first semester, including practice in composition. Lectures and conferences. At 7:45 a. m. Three semester-hour credits. Professor WILBUR and Mr. BAKER.

6a. *Survey of English Literature*.—A study of English literature from the epic period to the end of the eighteenth century. At 5:10. Three semester-hour credits. Associate Professor BOLWELL and Mr. BAKER.

6b. *Survey of English Literature*.—A course in the literature of the nineteenth century. At 6:05. Three semester-hour credits. Associate Professor BOLWELL and Mr. BAKER.

*XX. *Science and Literature in the Nineteenth Century*.—At 10:15. Two semester-hour credits. Professor CROISSANT.

*21. *The Literature of the Bible*.—At 11:15. Two semester-hour credits. Professor CROISSANT.

XXV. *American Poets*.—At 6:55. Three semester-hour credits. Mr. SMITH.

28. *Chaucer*.—At 5:10. Three semester-hour credits. Dr. ANDERSON.

*32. *Shakespeare*.—The English Historical Plays. At 9:15. Two semester-hour credits. Professor WILBUR.

*XXXIV. *Modern European Drama*.—At 9:15. Two semester-hour credits. Professor CROISSANT.

XXXVIII. *Chief Poets of the Romantic Movement*.—At 6:05. Three semester-hour credits. Mr. SMITH.

XL. *The Short Story*.—A practical course in short-story writing. Lectures, reading, and conferences. At 4:10. Three semester-hour credits. Dr. ANDERSON.

*XLI. *The Idylls of the King*.—At 10:15. Two semester-hour credits. Professor WILBUR.

52. *Studies in Elizabethan Literature* (with permission of the professor).—At 6:55. Three semester-hour credits. Associate Professor BOLWELL.

FRENCH

1. *First-Year Course*.—For beginners. Grammar, translation, drill on pronunciation. Fraser and Squair's French Grammar. Texts to be announced. Students who complete this course successfully will be admitted to second-year course, French 3 or 4, in the fall. Twice daily, at 5:10 and 6:55. Six semester-hour credits. Mr. DEIBERT.

2b. *Second Semester of First-Year Course*.—Open to students who

have just completed successfully one year of high school French or the first semester of first-year college French. At 6:05. Three semester-hour credits. Professor HENNING or Mr. DEIBERT.

4. *Second-Year Course*.—Open to students who have completed successfully two years of high school French or one year of college French. Grammar, translation, and reading. Fraser and Squair's French Grammar. First text, Mérimée, "Colomba" (D. C. Heath & Co.). Students who complete this course successfully will be admitted to a third-year course, French 5 or 6, in the fall. Twice daily, at 5:10 and 6:55. Six semester-hour credits. Professor HENNING and Assistant Professor FOSTER.

Note.—Students electing French 1 or 4 may take no class at 6 o'clock. An assignment for study will be made at 5:10 for the 6:55 period.

7. *Composition and Conversation*.—Open to students who have completed successfully two years of high school French or one year of college French. This course may not be substituted for any part of the curriculum requirements for two years of modern languages. Students receiving grade A or B in this course may enter French 8 in the fall. At 5:10. Three semester-hour credits. M. BENÉTEAU.

10. *Third-Year Course*.—Open to students who have completed successfully four years of high school French or two years of college French. A course in modern fiction or drama, intended for students who wish to have facility in reading French, and some idea of French literature. It does not prepare directly for courses of the second group, "For Undergraduates and Graduates," but students who complete this course may later take Course 5 or 6 and count both courses toward the degree. At 4:10. Three semester-hour credits. Professor HENNING and Assistant Professor FOSTER. Given only if elected by at least ten students.

GEOLOGY AND MINERALOGY

1. *Mineralogy*.—Crystallographic, descriptive, and determinative mineralogy. This course is designed with especial reference to minerals as rock constituents or segregated as ore deposits. It includes, therefore, a discussion of not merely the crystallographic and theoretical, but the practical side of the subjects as well. Whenever possible, it should be considered as introductory to the courses in either systematic or economic geology. At 7:45 a. m. and one additional hour to be arranged. Four semester-hour credits. Mr. HENDERSON.

2. *General Geology*.—Systematic geology; dynamical, structural, and stratigraphical. The course is designed to form a part of a general culture course or a preliminary course for those intending to make a specialty of geology. It includes lectures, recitations, laboratory and field work so far as hours will permit. Paleontology is treated as a

branch of geology, having especial reference to stratigraphy and correlation. Text-book: Cleland's Geology. From 5:10 to 6:55. Four semester-hour credits. Professor BASSLER.

3. *General Geography*.—This course presents the principles of geography by a study of the phenomena of the earth as a whole, the interrelations of these phenomena and their influence upon human affairs. It consists of two parts: first, a study of the general geographic principles; and second, a brief survey of several regions and countries for the application of these principles. It is a general culture lecture course illustrated by charts and lantern slides. No course is prerequisite. At 6:55. Two semester-hour credits. Professor BASSLER.

GERMAN

2. *First-Year German*.—The essentials of German grammar, translation of easy prose and poetry; beginning conversation and composition. Students who complete this course successfully will be admitted to second-year college German. From 5:10 to 6:55. Six semester-hour credits. Mr. GROPP.

4. *Intermediate German*.—Reading of prose and poetry, composition and general review of grammar. Parallel with the first semester of second-year German as given during the year. At 7:45 a. m. Mr. GROPP.

Note.—Students may complete the year's work by taking the second semester of German 3 or 4, or one semester of German 6.

HISTORY

7. *Mediaeval History*.—Europe from the decline of the Roman Empire through the age of geographical exploration. Texts, lectures, and quiz sections. At 7:45 a. m. Three semester-hour credits. Dr. RAGATZ.

9a. *American History*.—A general introductory course in the history of the United States through the Colonial Period. Three semester-hour credits. At 7:45 a. m. Professor COTERILL.

9b. *American History*.—A general introductory course in the history of the United States from the close of the Colonial Period to the present time. Three semester-hour credits. At 6:05. Professor COTERILL.

12. *Modern History*.—Europe from the Reformation to the eve of the Great War. Texts, lectures, and quiz sections. At 5:10. Three semester-hour credits. Dr. RAGATZ.

*21. *History of the Old South*.—A study of Southern life before the Civil War. Two semester-hour credits. At 9:15. Professor COTERILL.

25a. *English History*.—A general course in English History to the Tudor Period. Text, lectures, and assigned reading. At 6:05. Three semester-hour credits. Professor CHURCHILL.

26a. *The History of the West*.—The Colonial West; the expansion of the United States to 1820. Text, lectures, and assigned readings. A general knowledge of American History is presupposed. At 5:10. Three semester-hour credits. Professor CHURCHILL.

*37. *The Italian Renaissance*.—A study of the beginnings of the Modern Period. At 10:15. Two semester-hour credits. Associate Professor KAYSER.

*45. *Modern Imperialism*.—A study of colonial expansion during the nineteenth and twentieth centuries, with special reference to the partition of Africa and Asia and overseas rivalries of the European powers. Prerequisite: a course in modern European history. Texts, lectures, and special reading. At 11:15. Two semester-hour credits. Dr. RAGATZ.

*55. *Pro-Seminar in English and American History*.—The topics studied will be changed from year to year to give an opportunity for continued graduate work. For 1926 the subject will be "The Middle Period of American History, 1815-1860." Assigned reading and the study of special topics. At 4:10. Two semester-hour credits. Professor CHURCHILL.

HOME ECONOMICS

*1a. *Food Economics and Preparation*.—Study of city's retail food markets. Cost of food materials and commercially prepared foods compared with home-cooked. Tests for food principles; food values. Meal planning and service. Preparation of beverages, sandwiches; fruits, vegetables, canning, jelly-making; candies; cereals, batters and doughs. Fireless and pressure cookers, costs and economy of fuels. Lectures and laboratory, 7:45 to 9:45 daily, including Saturdays. Three semester-hour credits. Miss KILPATRICK.

*28. *Introductory Study of Nutrition and Dietetics*.—A general course for those having no credits in organic or physiological chemistry. Characteristics of various proteins, fats, carbohydrates, and salts. Bodily requirements in calories, proteins, salts and vitamins; study of individual requirements of class members, of other selected subjects of varying ages and occupations; planning of dietaries to meet such requirements. Dietary treatment of underweight, overweight, constipation. Practice in evaluating dietary claims of advertisements. Daily 9:45 to 11:45. Four semester-hour credits. Professor DENTON.

LAW

A separate Bulletin for the work offered in the Law School is published.

LIBRARY SCIENCE

1. *Cataloguing*.—This course is designed to cover the general principles of library science, with special emphasis on the elements of

cataloguing. Three semester-hour credits. At 5:10. Professor SCHMIDT.

20. *Classification*.—The general principles and distinguishing characteristics of the Dewey, Cutter, and Library of Congress systems are discussed and books classified according to each, with accompanying practice in self-listing and book-notation. Prerequisite: Course 1 or practical library work. At 6:05. Three semester-hour credits. Professor SCHMIDT.

30. *Reference and Administration*.—Prerequisite: Courses 1 and 20, or adequate library experience. At 7:50 p. m. Three semester-hour credits. Professor SCHMIDT.

Courses 1 and 20 may be continued the second semester of the regular school year; and Course 30 may be continued the following summer, when it will devote special attention to bibliography.

MATHEMATICS

4a. *College Algebra*.—Starting with a review of quadratics. At 5:10. Three semester-hour credits. Associate Professor HODGKINS.

4b. *Geometry and Trigonometry*.—Solid geometry and all of plane trigonometry. At 6:05. Three semester-hour credits. Associate Professor HODGKINS.

9a. *Plane and Spherical Trigonometry*.—This course is offered primarily for students who have had Plane Trigonometry. Three semester-hour credits. At 6:05. Professor ERWIN.

9b. *Analytic Geometry*.—This course is offered to students who have had Plane and Spherical Trigonometry. Three semester-hour credits. At 5:10. Professor ERWIN.

(Courses 9a and 9b may be taken concurrently.)

MEDICINE

The following two courses are offered in the Medical School.

20. *Bacteriology*.—This course consists of forty-eight lectures and quizzes and ninety-six hours in the laboratory. Special tuition fee, \$60.00. Dr. HUNTER.

22. *Clinical Microscopy and Parasitology*.—This course consists of twenty-four hours of didactic instruction and forty-eight hours in the laboratory. Special tuition fee, \$36.00. Dr. HUNTER.

NATURE STUDY

(See Botany and Zoology.)

PHILOSOPHY

*21. *Philosophy*.—This course is intended to give a general survey of the subject for beginners. At 9:15. Two semester-hour credits. Professor RICHARDSON.

26. *Logic*.—A study of the fundamental concepts of logic: induction and deduction; hypotheses; logical analyses. At 6:05. Three semester-hour credits. Professor RICHARDSON.

28. *Ethics*.—A study of the principal ethical theories from the historical and social points of view. At 6:55. Three semester-hour credits. Professor RICHARDSON.

PHYSICS

3a. *Introductory General Physics*.—Mechanics, Heat, and Electrostatics. At 5:10. Three semester-hour credits. Professor BROWN or Associate Professor CHENEY.

3b. *Introductory General Physics*.—Magnetism and Electricity, Sound, and Light. At 6:05. Three semester-hour credits. Professor BROWN or Associate Professor CHENEY.

4a and 4b. *Laboratory Physics*.—The schedules of experiments are arranged to parallel the lecture courses, but different schedules may be arranged in special cases. Two semester-hour credits for either course. 7-10 p. m. Mr. FREDERICK.

POLITICAL SCIENCE

1. *Government of the United States*.—This course includes a study of the powers and the influence of the President, the power to make treaties, to tax, to control the railroads and to restrict immigration. The course surveys the function of the courts and the various commissions. The problems connected with the currency, the tariff, foreign commerce, and with our colonial empire are discussed. At 5:10 p. m. Three semester-hour credits. Professor HILL and Dr. TILLEMA.

3. *State Government*.—This course includes the study of the relation of the states to the United States, the privilege of voting, the formation of public opinion, direct legislation, police power, public utilities, and executive responsibility. A rapid survey is made of the types of city government and of the town and county governments. At 7:45 a. m. Three semester-hour credits. Dr. WEST.

21. *The Governments of Great Britain and France*.—A study of their colonial empires will be included. At 4:20 p. m. Three semester-hour credits. Professor HILL and Dr. TILLEMA.

23. *City Government in the United States*.—A study of the various types of city government and of the relation of the city to the state. Some attention will be given to European cities and special emphasis will be placed on the government of the District of Columbia. At 6:05 p. m. Three semester-hour credits. Professor HILL and Dr. TILLEMA.

*25. *Political Theory*.—The political ideas of Aristotle, Rousseau, Thomas Jefferson and others, the political theory of the American

Revolution, the controversy over state rights, and the development of the idea of democracy will be surveyed. At 11:15 a. m. Two semester-hour credits. Dr. WEST.

*26. *Political Parties*.—The place of the party in a democracy, its organization, its activities, the character of its membership, machines and bosses, and problems connected with elections will be studied. At 10:15 a. m. Two semester-hour credits. Dr. WEST.

PSYCHOLOGY

*11. *Psychology*.—A rapid survey of the facts and principles of general psychology, followed by a more detailed consideration of the psychology and pedagogy of learning. At 10:15. Two semester-hour credits. Professor MILLER.

12a. *General Psychology*.—This course deals with the fundamental principles underlying human behavior. 6:05 p. m. Three semester-hour credits. Associate Professor MOSS.

12b. *Psychology*.—Applications of Psychology to the fields of business, industry, law, medicine, and education. 5:10 p. m. Three semester-hour credits. Associate Professor MOSS.

50. *Abnormal Psychology*.—In addition to the study of the literature and class reports by the various students, several clinics at one of the local hospitals are planned where the students will be able to observe at first hand certain types of abnormal behavior as a result of personality disturbances. At 7:50 p. m. Three semester-hour credits. Associate Professor MOSS.

SPANISH

1. *First-Year Course*.—For beginners. Elements of Spanish grammar; drill in pronunciation; oral and written composition; translation of modern Spanish prose. Hills and Ford's First Spanish Course (Heath). Twice daily, at 5:10 and 6:55. Equivalent to one year of college Spanish. Six semester-hour credits. Professor DOYLE or Assistant Professor PROTZMAN.

2b. *Second Semester of First-Year Course*.—Open to students who have just completed satisfactorily one year of high school Spanish or the first semester of college Spanish. Hills and Ford's First Spanish Course (Heath); Rivera and Doyle's En España (Silver, Burdett). At 6:05. Three semester-hour credits. Professor DOYLE or Assistant Professor PROTZMAN.

4. *Second-Year Course*.—Open to students who have completed two years of high school Spanish or one year of college Spanish. Review of grammar; composition; translation of modern Spanish prose and poetry. First texts: Seymour and Carnahan's Spanish Review Grammar (Heath); Benavente, Tres Comedias (Heath). Twice daily, at 5:10 and 6:55. Equivalent to Spanish 3 or 4, given during the

regular session. Six semester-hour credits. Professor DOYLE. (Given only if at least ten students enroll.)

Note.—Students electing Spanish 1 or 4 may take no class at 6 o'clock. An assignment for study will be made at 5:10 for the 6:55 period.

7. *Conversation and Composition*.—Open to students who have had one year of college Spanish or its equivalent. Oral and written composition; conversation. At 6:05. Three semester-hour credits. Mr. VÁZQUEZ. (Cannot be counted to meet the curriculum requirement in modern language. Students receiving grade A or B in this course may enter Spanish 8 in the fall.)

10. *Contemporary Spanish Novelists*.—A study of Spanish novelists of the last part of the nineteenth and of the twentieth centuries. Lectures, translation, rapid reading of selected novels, reports on collateral reading. Open to students who have passed at least two years of college Spanish or otherwise satisfy the instructor of their fitness to take the course. Daily at 6:05. Three semester-hour credits. Professor DOYLE.

This course may not be substituted for any part of Spanish 5 or 6 as prerequisite to admission to the "second group" courses in Spanish, but students who complete this course may later take Course 5 or 6 and count both courses towards the degree. Given only if elected by at least ten students.

ZOOLOGY

3. *Zoology*.—Invertebrates and vertebrates. A lecture and laboratory course covering the pre-medical requirement. Lecture at 5:10; laboratory, 6-9. Eight semester-hour credits. Professor BARTSCH and Mrs. BOWMAN. Text: Volumes I and II, Parker and Haswell, "A Textbook of Zoology," and Davison, "Mammalian Anatomy."

4. *Nature Study*.—An out-of-doors nature study course, concerned with observing, gathering, and studying the animal life, large and small, found about Washington. Field trips, laboratory work, lectures, and reading. 8-10 a. m. Three semester-hour credits. Professor BARTSCH and Miss BUNDICK.

27. *An elementary course in Physiology*, intended to acquaint the student with the minute structure and function of the organs of the animal body. Text: "Elementary Physiology," by Burton-Opitz. At 6-8. Six semester-hour credits. Professor BARTSCH and Mr. McCLOSKEY.

28. *Advanced Work in Nature Study*.—By special arrangement. Four semester-hour credits. Professor BARTSCH.

50. Students who have the necessary basic training may arrange to undertake advanced work or individual research with Professor BARTSCH. Such courses will cover six semester-hour credits.

THE MEDICAL SCHOOL

FACULTY

The names are arranged in the several groups in the order of assignment.

PRESIDENT OF THE UNIVERSITY

WILLIAM MATHER LEWIS, A.M., LL.D.

DEAN OF THE MEDICAL SCHOOL

WILLIAM CLINE BORDEN, M.D., F.A.C.S.

Professor of Surgery

Lieutenant-Colonel, Medical Corps, United States Army, Retired; *Surgeon-in-Chief to The George Washington University Hospital and Dispensary.*

2306 Tracy Place

PROFESSORS EMERITUS

D. KERFOOT SHUTE, A.M., M.D., F.A.C.S.

Clinical Professor of Ophthalmology, Emeritus

HENRY CRECY YARROW, M.D.

Professor of Dermatology, Emeritus

WILLIAM K. BUTLER, A.M., M.D.

Professor of Ophthalmology, Emeritus

STERLING RUFFIN, M.D.

Professor of Medicine, Emeritus

CHARLES WILLIAMSON RICHARDSON, M.D., Sc.D., F.A.C.S.

Professor of Laryngology, Rhinology and Otology, Emeritus

PROFESSORS

JOHN WESLEY BOVEÉ, M.D., F.A.C.S.

Professor of Gynecology

Gynecologist to the Columbia Hospital for Women; Gynecological Surgeon, Government Hospital for the Insane; *Gynecologist-in-Chief to The George Washington University Hospital and Dispensary.*

1519 Rhode Island Avenue

FRANCIS RANDALL HAGNER, M.D., F.A.C.S.

Professor of Genito-Urinary Surgery and Venereal Diseases

Genito-Urinary Surgeon to the Garfield Memorial Hospital; *Chief of the Genito-Urinary Clinic, The George Washington University Hospital and Dispensary.*

The Farragut

WILLIAM ALANSON WHITE, M.D.

Professor of Psychiatry and Clinical Professor of Neurology

Superintendent of St. Elizabeth's Hospital, District of Columbia; Lecturer on Psychiatry, U. S. Army Medical School and U. S. Navy Medical School.

St. Elizabeth's Hospital

OSCAR BENWOOD HUNTER, A.M., M.D.

Assistant Dean and Professor of Bacteriology and Pathology

Consulting Pathologist to the Sibley Hospital and Montgomery County Hospital
Pathologist to The George Washington University Hospital and Dispensary.

31 East Oxford Street, Chevy Chase

HURON WILLIS LAWSON, S.M., M.D., F.A.C.S.

Professor of Obstetrics

Obstetrician, Columbia Hospital for Women; Obstetrician-in-Chief, The George Washington University Hospital and Dispensary.

1717 N Street N.W.

THOMAS CHARLES MARTIN, Ph.D., M.D.

Professor of Proctology

1107 Sixteenth Street

WILLIAM THORNWALL DAVIS, M.D., F.A.C.S.

Professor of Ophthalmology

Senior Surgeon, Episcopal Eye, Ear and Throat Hospital (Ophthalmological Service);
Consulting Ophthalmologist, Garfield Memorial Hospital and Columbia Hospital
for Women.

927 Farragut Square

CUSTIS LEE HALL, M.D.

Professor of Orthopedic Surgery

Orthopedic Surgeon to the Children's Hospital; The Garfield Memorial Hospital;
Associate Orthopedic Surgeon to Providence Hospital and to Emergency Hospital;
Orthopedic Surgeon to The George Washington University Hospital and Dispensary.

1801 Eye Street N.W.

ARTHUR C. CHRISTIE, M.S., M.D.

Professor of Roentgenology

Roentgenologist-in-Chief, The George Washington University Hospital and Dispensary.

1909 Massachusetts Avenue

GEORGE B. JENKINS, M.D.

Professor of Anatomy

3623 T Street

TOMÁS CAJIGAS, B.S., M.S., M.D.

Professor of Pathology

Director, Clinical Laboratory, The George Washington University Hospital and Dispensary.

1834 Sixteenth Street

JOSEPH HYRAM ROE, A.M., Ph.D.

*Professor of Chemistry**Chemist to The George Washington University Hospital.*

1906 N Street

HENRY COOK MACATEE, M.D.

*Professor of Therapeutics**Attending Physician, Garfield Memorial Hospital.*

1478 Harvard Street

BUCKNER MAGILL RANDOLPH, M.D.

*Professor of Clinical Medicine and Director of Clinics**Physician, George Washington University Hospital.*

2010 R Street N.W.

SEWALL MUNSON CORBETT, M.D.

*Professor of Military Science and Tactics**Major, Medical Corps, United States Army.*

Arlington, Va.

HARRY HAMPTON DONNALLY, A.M., M.D.

*Professor of Pediatrics**Attending Physician and Secretary Medical Staff, Children's Hospital; Attending Physician Washington Home for Foundlings; Consulting Pediatrician, Columbia Lying-in Hospital; Pediatrician, George Washington University Hospital.*

1612 Eye Street N.W.

HARRY HYLAND KERR, M.D., C.M., F.A.C.S.

*Professor of Neurological Surgery**Attending Surgeon to the Children's Hospital, Garfield Memorial Hospital, and Consulting Brain Surgeon to the Providence Hospital; Consulting Surgeon, Columbia Hospital.*

1744 N Street

WILLIAM JOHNSTON MALLORY, A.M., M.D.

*Professor of Medicine**Consultant and Diagnostician, Mt. Alto Hospital; Physician, George Washington University Hospital.*

1720 Connecticut Avenue

J. LAWN THOMPSON, A.M., M.D.

*Professor of Medicine**Chief, Medical Service, Providence Hospital.*

1735 20th Street

WALTER FREEMAN, M.D.

*Professor of Neuropathology**Director of Laboratories, St. Elizabeth's Hospital.*

3039 Que Street N.W.

OTTO NELLIS WARNER, M.D.

Professor of Anaesthesia

Anaesthetist-in-Chief, Providence Hospital.

Providence Hospital

C. AUGUSTUS SIMPSON, M.D.

Professor of Dermatology

Dermatologist in Chief, Providence, Emergency and Episcopal Eye, Ear and Throat Hospital and *The George Washington University Hospital*; Dermatologist to Gallinger Hospital, to the Washington City and St. Ann's Orphanages.

1610 20th Street

JOSEPH DUERSON STOUT, A.M., M.D., Ph.D.

Professor of Neurology

Neurologist, The Emergency Hospital Dispensary; Consultant in Neuropsychiatry, Mt. Alto Hospital, Neurologist, *The George Washington University Hospital* and Dispensary

3000 Porter Street

GEORGE B. ROTH, M.D.

Professor of Physiology and Pharmacology

801 Butternut Street

JAMES E. HOUGHTON, M.D.

Professor of Preventive Medicine and Hygiene

Director of Laboratories and Instructor in Bacteriology, Naval Medical School.

Edgemoor, Md.

GLENMORE F. CLARK, M.D.

Professor of Tropical Medicine

Lt. Commander, Medical Corps, U. S. Navy.

Naval Medical School

VIRGINIUS DABNEY, M.D., F.A.C.S.

Professor of Laryngology and Otology

Otolaryngologist, Garfield Memorial Hospital and Washington Orphan Asylum; Junior Surgeon, Episcopal Eye, Ear and Throat Hospital; *Laryngologist to The George Washington University Hospital.*

1633 Connecticut Avenue

JOHN PAUL EARNEST, A.M., LL.M.

Professor of Medical Jurisprudence

Professor of Law, George Washington University Law School.

3718 Huntington Street

COURSEN BAXTER CONKLIN, B.S., M.D.

Professor of Physical Diagnosis

Assistant Attending Physician, Children's Hospital; Attending Physician, St. John's Orphanage; Associate Physician to *The George Washington University Hospital.*

1801 Eye Street

LESLIE HOWSON FRENCH, M.D.
Professor of Physiology

Physiologist to The George Washington University Hospital.

1339 H Street N.W.

ASSOCIATE PROFESSORS

CHARLES STANLEY WHITE, M.D., F.A.C.S.

Associate Professor of Surgery

Visiting Surgeon, Providence Hospital; Visiting Surgeon, Garfield Hospital; Consulting Surgeon, Episcopal Eye, Ear and Throat Hospital; Consulting Surgeon, Columbia Hospital; Associate Surgeon, The George Washington University Hospital.

1801 Eye Street

DANIEL LERAY BORDEN, A.M., M.D., F.A.C.S.

Associate Professor of Surgery

Associate Surgeon, Emergency Hospital; Attending Surgeon, Children's Hospital; Surgeon to the Police and Fire Departments, D. C.; Associate Surgeon, The George Washington University Hospital.

The Rochambeau

THOMAS A. GROOVER, M.D.

Associate Professor of Roentgenology

Roentgenologist to the Emergency Hospital; Associate Roentgenologist to The George Washington University Hospital and Dispensary.

1909 Massachusetts Avenue

JAMES H. DEFANDORF, A.M.

*Associate Professor of Pharmacology and Assistant Evaluator
 Premedical Credentials*

2926 Porter Street N.W.

OLIVER J. IRISH, M.S.

Associate Professor of Chemistry

906 Emerson Street

HARRY A. ONG, M.D.

Associate Professor of Pediatrics

Attending Physician Children's Hospital.

The Rochambeau

HOWARD FRANCIS KANE, A.B., M.D.

Associate Professor of Obstetrics

Attending Obstetrician Gallinger and Freedmen's Hospitals; Associate Obstetrician, Columbia Hospital for Women; Associate Obstetrician, George Washington University Hospital.

The Farragut

ELIJAH WHITE TITUS, M.D., F.A.C.S.

Associate Professor Gynecology

Associate Gynecologist, Columbia Hospital for Women; Attending Gynecologist, The George Washington University Dispensary.

The Rochambeau

WILLIAM BINFORD KING, A.B., M.D.

Associate Professor of Anatomy

Virginia Highlands, Va.

ROBERT J. BOSWORTH, A.B., M.D.

Associate Professor Physiology

1900 H Street N.W.

GEORGE JOSEPH BRILMYER, B.S., M.S., M.D.

Associate Professor in Histology and Embryology

601 Jefferson Street N.W.

ROSCOE W. HALL, M.D.

Associate Professor in Psychiatry

Senior Assistant Physician, Clinical Psychiatry, St. Elizabeth's Hospital.

St. Elizabeth's Hospital

CLINICAL PROFESSORS

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Clinical Professor of Orthopedic Surgery

Attending Orthopedic Surgeon to the Central Dispensary and Emergency Hospital;
Consulting Surgeon to the Home for Incurables.

901 16th Street

THOMAS ASH CLAYTOR, M.D.

Clinical Professor of Medicine

Attending Physician to the Garfield Memorial Hospital, and Consulting Physician,
Tuberculosis Hospital.

1826 R Street

ALBERT LIVINGSTON STAVELY, M.D., F.A.C.S.

Clinical Professor of Gynecology

Gynecologist to the Garfield Memorial Hospital.

1744 M Street

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Clinical Professor of Gynecology

Attending Gynecologist to the Garfield Memorial Hospital, the Central Dispensary and
Emergency Hospital, and the Columbia Hospital for Women.

1730 K Street

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Clinical Professor of Obstetrics

Attending Obstetrician to Columbia Hospital for Women and Garfield Memorial
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The Farragut

OSCAR ADDISON MACK McKIMMIE, M.D.
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 1359 Columbia Road

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 Chief, Surgical Service, Emergency Hospital; Attending Surgeon, Children's Hospital.
 1344 19th Street

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 Attending Physician, Gallinger Memorial Hospital; Consulting Physician, Providence Hospital.
 2109 O Street

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 Medical Science Building

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 1610 Eye Street

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 Associate in Laryngology to The George Washington University Hospital and Dispensary.
 1801 Eye Street

HOMER G. FULLER, M.D., F.A.C.S.
Clinical Professor of Genito-Urinary Surgery
 Attending Genito-Urinary Surgeon, Garfield Memorial Hospital.
 1616 Belmont Street

NOLAN DON CHARPENTIER LEWIS, M.D.
Clinical Professor of Psychiatry
 Director of Clinical Psychiatry, St. Elizabeth's Hospital; Lecturer, Neuro-Pathology, Naval Medical School.
 St. Elizabeth's Hospital

GEORGE NICHOLAS ACKER, 2d, B.S., M.D.

Clinical Professor of Medicine

Associate Physician, Emergency Hospital; Attending Physician, Garfield Memorial Hospital.

1606 20th Street

ASSOCIATES

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Associate in Medicine

Assistant Attending Physician, Children's Hospital; Attending Physician, Child Hygiene Service; *Evaluator, Premedical Credentials; Attending Physician, The George Washington University Dispensary.*

The Rochambeau

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Roentgenologist to the Garfield Memorial Hospital.

1909 Massachusetts Avenue

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Associate in Anaesthesia

Anaesthetist to The George Washington University Hospital.

1420 Rhode Island Avenue

CHARLES W. HYDE, M.D.

Associate in Anaesthesia

Anaesthetist to The George Washington University Hospital.

The Parkwood

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Clinical Director, St. Elizabeth's Hospital; Consulting Psychiatrist, Gallinger Memorial Hospital; Lecturer on Psychiatry, Post Graduate School of Neurology and Psychiatry; Lecturer on Psychiatry, U. S. Veterans' Bureau Post Graduate School of Neuro-Psychiatry.

St. Elizabeth's Hospital

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1015 16th Street

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Assistant Attending Physician, Children's Hospital.

2002 R Street

THE MEDICAL SCHOOL

WATSON WILLIAM ELDRIDGE, M.D.

Associate in Medicine

Chief of Department of Medicine and Surgery, St. Elizabeth's Hospital; Former Attending Physician in Gastro-Enterology, New York University and Bellevue Hospital Medical School; Lecturer on Medical Diagnosis and Roentgenology in the Insane, U. S. Veterans' Bureau Post Graduate School of Neuro-Psychiatry.

St. Elizabeth's Hospital

FRANCIS G. SPEIDEL, M.D.

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Chief Anaesthetist, Emergency Hospital; Associate Anaesthetist, George Washington University Hospital.

The Rochambeau

DANIEL C. MAIN, M.D.

Associate in Psychiatry

Medical Officer, St. Elizabeth's Hospital.

St. Elizabeth's Hospital

RALPH S. PENDexter, LL.B., M.D.

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Assistant Surgeon, Episcopal Eye, Ear and Throat Hospital; Attending Ophthalmologist, The George Washington University Dispensary.

The Champlain Apts.

HARRY S. BERNTON, A.B., M.D.

Associate in Medicine

Member, Dispensary Staff, Emergency Hospital; Special Expert, U. S. Public Health Service.

2013 O Street N.W.

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Associate Professor Histology and Embryology

601 Jefferson Street

CLINICAL ASSOCIATES

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1712 21st Street N.W.

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Assistant Attending Physician, Children's Hospital; Attending Physician, Tuberculosis Clinic of Health Department, Gallinger Hospital; The George Washington University Dispensary.

1720 M Street

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Clinical Associate in Genito-Urinary Surgery

Visiting Urologist, St. Elizabeth's Hospital; Attending Urologist, Gallinger Memorial Hospital; Attending Urologist, The John Dixon Home; Attending Surgeon, Genito-Urinary Service, The George Washington University Dispensary.

The Cecil

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Clinical Associate in Laryngology and Otology

Junior Assistant Surgeon, Episcopal Hospital; Associate Attending Surgeon in Otolaryngology, Emergency and Casualty Hospitals; Assistant Attending Physician, Children's Hospital.

1738 M Street N.W.

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500 H Street N.E.

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Chief Surgeon, Hebrew Hospital; Associate in Surgery, Central Dispensary and Emergency Hospital.

1801 Eye Street N.W.

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4107 14th Street N.W.

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St. Elizabeth's Hospital

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Clinical Associate in Obstetrics

The Farragut

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1746 K Street N.W.

GUY W. LEADBETTER, M.D.
Clinical Associate, Orthopedic Surgery

The Farragut

F. AUGUST REUTER, M.D.
Clinical Associate in Urology

1737 H Street N.W.

INSTRUCTORS

HELEN I. PFAFF, M.S.	Bacteriology
OTHMAR SOLNITSKY, M.A., Ph.D.	Anatomy
MARIE O'DEA, M.S.	Bio-Chemistry
ROBERT M. CHOISSE, B.S., M.D.	Parasitology
HERBERT MARTYN, M.D.	Morbid Anatomy
JOSEPH B. GLENN, M.D.	Medicine
JOSEPH STEIN, M.D.	Anatomy and Clinical Instructor in Medicine
JOHN HARPER, M.D.	Parasitology
WILLIAM T. SHERIDAN	Technical Pathology
MARY WOLFORD, R.N.	Bacteriology and Clinical Microscopy
FRANCIS X. COURTNEY, A.B.	Bacteriology and Clinical Microscopy
LLOYD L. CULLIMORE, B.S., M.D.	Physiology

CLINICAL INSTRUCTORS

George Washington University Hospital

ALBERT P. TIBBETTS, A.B., M.D.	Ophthalmology and Oto-Laryngology
CHARLES O. KNOTT, M.D.	Genito-Urinary Diseases
LYLE M. MASON, M.D.	Surgery
FRED. Y. WILLIAMSON, M.D.	Surgery
SEWALL M. GRAYSON, M.D.	Surgery
DANIEL S. HATFIELD, B.S., M.D.	Medicine
CHARLES B. CAMPBELL, Ph.D., M.D.	Dermatology
JOHN A. REED, M.D.	Medicine
JESSE T. MANN, M.D.	Anaesthesia
FRANK L. WILLIMAN, B.Sc., M.D.	Medicine
RICHARD L. DESAUSURE, M.D.	Laryngology and Otology
GLADYS KAIN, S.B., M.D.	Gynecology
CHARLES DEMAS, M.D.	Gynecology
GEORGE NORDLINGER, M.D.	Gynecology
MAURICE H. HERZMARK, M.D.	Surgery
MASSIE R. PAGE, M.D.	Medicine
HYMAN D. SHAPIRO, M.D.	Medicine
BENJAMIN F. DEAN, M.D.	Surgery
JOSEPH HARRIS, M.D.	Obstetrics
JOHN PAUL EARNEST, M.D.	Medicine
JOSEPH STEIN, M.D.	Medicine

Providence Hospital

PAUL STERLING PUTZKI, M.D.	Surgery
JAMES M. FADELEY, M.D.	Genito-Urinary Surgery
JAMES H. EARLEY, M.D.	Surgery
JOHN J. SHUGRUE, B.A., M.D.	Surgery
LOUIS B. CASTELL, M.S., M.D.	Medicine
TERRELL MOODY, M.D.	Medicine
HARRY F. DAVIES, M.D.	Medicine
HAZEN E. COLE, M.D.	Medicine
JAMES A. FLYNN, M.D.	Laryngology and Otology
WILLIAM F. PATTON, M.D.	Laryngology and Otology
JAMES A. ROLLS, M.D.	Pediatrics
RAYMOND F. OSBORNE, M.D.	Pediatrics
JAMES F. O'DONNELL, M.D.	Pediatrics
WILLIAM F. O'DONNELL, M.D.	Pediatrics
RAYMOND K. FOXWELL, M.D.	Neurology

Garfield Hospital

HERBERT H. SCHOENFELD, M.D.	Surgery
HARRY L. CLAUD, M.D.	Surgery

Emergency Hospital

VIRGIL B. JACKSON, M.D.	Gynecology
JACOB KOTZ, M.D.	Obstetrics
HARRY FRIEDENBERG, A.B., M.D.	Neurology
FRED A. GEIER, M.D.	Medicine
ROBERT E. MORAN, M.D.	Surgery
GUY W. LEADBETTER, A.B., M.D.	Orthopedics
ELLIOTT MUSE CAMPBELL, M.D.	Medicine
JOHN H. LYONS, B.S., M.D.	Surgery
HERMAN E. KITTREDGE, M.D.	Dermatology
ARCH LOCKHART RIDDICK, B.S., M.D.	Gynecology
BENJAMIN NEWHOUSE, M.D.	Genito-Urinary Surgery
J. ERNEST MITCHELL, M.D.	Genito-Urinary Surgery
WILLIAM D. GOODMAN, M.D.	Genito-Urinary Surgery
MYER J. HERSCHMANN, M.D.	Genito-Urinary Surgery
NATHAN N. SMILER, M.D.	Surgery
WILLIAM G. YOUNG, M.D.	Genito-Urinary Surgery
BRADLEY D. HODGKINS, M.D.	Medicine
JOSEPH ARTHUR JEFFRIES, M.D.	Medicine
FRANCIS A. ST. CLAIR, M.D.	Surgery

Gallinger Memorial Hospital

WILLIAM E. BALLINGER, M.D.	Physical Diagnosis
KATHLEEN M. BARR, M.D.	Physical Diagnosis

Episcopal Eye, Ear, Nose and Throat Hospital

SAMUEL H. GREENE, M.D.	Laryngology and Otology
EARL G. BREEDING, A.B., M.S., M.D.	Laryngology and Otology
FREDERICK C. SCHREIBER, M.D.	Laryngology and Otology
EUGENE A. TAYLOR, M.D.	Laryngology
BOYCE R. BOLTON, M.D.	Laryngology and Otology
EDWARD R. GOOKIN, M.D.	Ophthalmology

St. Elizabeth's Hospital

RALPH J. HAWS, M.D.	Medicine
VIRGIL B. WILLIAMS, M.D.	Medicine

Children's Hospital

HUGH J. DAVIS, M.D.	Pediatrics
EDWARD LEWIS, M.D.	Pediatrics
EDWARD B. BROOCKS, M.D.	Pediatrics
J. BRECKINRIDGE BAYNE, M.D.	Pediatrics

Tuberculosis Hospital

WINTHROP A. RISK, M.D.	Medicine
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THE STAFF OF THE GEORGE WASHINGTON UNIVERSITY
HOSPITAL AND DISPENSARY**Hospital**

WILLIAM CLINE BORDEN, M.D.	Surgeon-in-Chief
BUCKNER MAGILL RANDOLPH, M.D.	Physician-in-Chief
JOHN WESLEY BOVEÉ, M.D.	Gynecologist-in-Chief
HURON WILLIS LAWSON, M.D.	Obstetrician-in-Chief
CHARLES STANLEY WHITE, M.D.	Associate Surgeon
DANIEL LERAY BORDEN, M.D.	Associate Surgeon
COUSEN BAXTER CONKLIN, M.D.	Associate Physician
ELIJAH WHITE TITUS, M.D.	Associate Gynecologist
HARRY HUMPTON DONALLY, M.D.	Pediatrician
HOWARD FRANCIS KANE, M.D.	Associate Obstetrician
CUSTIS LEE HALL, M.D.	Orthopedic Surgeon
FRANCIS RANDALL HAGNER, M.D.	Genito-Urinary Surgeon
HOMER GIFFORD FULLER, M.D.	Associate Genito-Urinary Surgeon
ADAM KEMBLE, M.D.	Associate Genito-Urinary Surgeon
C. AUGUSTUS SIMPSON, M.D.	Dermatologist
VIRGINIUS DABNEY, M.D.	Laryngologist
WILLIAM THORNWALL DAVIS, M.D.	Ophthalmologist
EDWARD G. SEIBERT, M.D.	Associate Laryngologist and Ophthalmologist

ARTHUR C. CHRISTIE, M.D.	Roentgenologist
THOMAS A. GROOVER, M.D.	Associate Roentgenologist
EDWIN A. MERRITT, M.D.	Associate Roentgenologist
CLINE M. CHIPMAN, M.D.	Anaesthetist
CHARLES W. HYDE, M.D.	Anaesthetist
FRANCIS G. SPEIDEL, M.D.	Anaesthetist
JESSE T. MANN, M.D.	Anaesthetist
OSCAR BENWOOD HUNTER, M.D.	Pathologist
GEORGE B. JENKINS, M.D.	Anatomist
TOMÁS CAJIGAS, M.D.	Director of Clinical Laboratory
LESLIE HOWSON FRENCH, M.D.	Physiologist
JOSEPH H. ROE, Ph.D.	Chemist
AURALEE SHREVE, R. N.	Laboratory Technician
B. B. THOMPSON, R.N.	Superintendent of Nurses and Principal of the Training School for Nurses
JASON DAVID BYERS	Superintendent
FRANCIS E. THUNEY	Assistant Superintendent

Dispensary

WILLIAM CLINE BORDEN, M.D.	Surgeon-in-Chief
BUCKNER MCGILL RANDOLPH, M.D.	Physician-in-Chief
JOHN WESLEY BOVEÉ, M.D.	Gynecologist-in-Chief
HURON WILLIS LAWSON, M.D.	Obstetrician-in-Chief
JOHN ALTON REED, M.D.	Director for the Dispensary

Medicine

FRANK A. HORNADAY, M.D.	Attending Physician
DANIEL S. HATFIELD, M.D.	Attending Physician
EVERETT M. ELLISON, M.D.	Attending Physician
FRANK L. WILLIMAN, M.D.	Attending Physician
HYMAN DAVID SHAPIRO, M.D.	Attending Physician
MASSIE R. PAGE, M.D.	Attending Physician

Surgery

CUSTIS L. HALL, M.D.	Attending Surgeon
STEWART MAXWELL GRAYSON, M.D.	Attending Surgeon
MAURICE H. HERZMARK, M.D.	Attending Surgeon
FRED Y. WILLIAMSON, M.D.	Attending Surgeon

Genito-Urinary and Skin Diseases

ADAM KEMBLE, M.D.	Attending Surgeon
CHARLES O. KNOTT, M.D.	Attending Surgeon
LYLE M. MASON, M.D.	Attending Surgeon
F. AUGUST REUTER, M.D.	Attending Surgeon

Gynecology

ELIJAH WHITE TITUS, M.D.....	<i>Attending Gynecologist</i>
GEORGE NORDLINGER, M.D.....	<i>Attending Gynecologist</i>
CHARLES DEMAS, M.D.....	<i>Attending Gynecologist</i>
GLADYS KAIN, M.D.....	<i>Attending Gynecologist</i>

Obstetrics

CYRUS W. CULVER, M.D.....	<i>Attending Obstetrician, Out-Patient Service</i>
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Eye, Ear, Throat and Nose

EDWARD GRANT SEIBERT, M.D.....	<i>Laryngologist and Ophthalmologist</i>
RALPH S. PENDEXTER, M.D.....	<i>Attending Ophthalmologist</i>
ALBERT PERKINS TIBBETS, M.D.....	<i>Attending Laryngologist and Otologist</i>
RICHARD L. DESAUSURE, M.D.....	<i>Attending Laryngologist</i>

Neurology

JOSEPH DUERSON STOUT, M.D.....	<i>Attending Neurologist</i>
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Roentgenology

ARTHUR C. CHRISTIE, M.D.....	<i>Roentgenologist</i>
THOMAS A. GROOVER, M.D.....	<i>Associate Roentgenologist</i>

Dermatology

CHARLES B. CAMPBELL, M.D.....	<i>Attending Dermatologist</i>
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Dentistry

ALLAN S. WOLFE, D.D.S.....	<i>Attending Oral Surgeon</i>
RALPH L. MORRISON, D.D.S.....	<i>Attending Dental Surgeon</i>
WILFORD JOHANNESSEN, D.D.S.....	<i>Attending Dental Surgeon</i>

Pathology, Physiology, Chemistry

OSCAR BENWOOD HUNTER, M.D.....	<i>Pathologist</i>
LESLIE H. FRENCH, M.D.....	<i>Physiologist</i>
JOSEPH H. ROE, Ph.D.....	<i>Chemist</i>

Laboratory

TOMÁS MOREAU CAJIGAS, M.D.....	<i>Director</i>
AURALÉE SHREVE, R.N.....	<i>Technician</i>

Medical Building

ANNA ELIZABETH SELLNER.....	<i>Secretary to the Dean</i>
OSCAR B. HUNTER, M.D.....	<i>Curator of the Museum</i>
ALICE DICKINSON, R.N.....	<i>Assistant Curator</i>
WILLIAM BINFORD KING, A.B., M.D.....	<i>Librarian</i>
KATHARINE BREEN.....	<i>Assistant Librarian</i>
FRANCIS E. THUNEY.....	<i>Superintendent, Medical Building</i>

Historical

The *Medical School of the George Washington University*, in chronological order of establishment, is the eleventh Medical School in the United States. The first course of lectures began in March, 1825. For many years the school was known as the National Medical College; subsequently as the Department of Medicine of the Columbian University. By virtue of an act of Congress approved January 23, 1904, the Columbian University changed its name to The George Washington University.

In order to increase the facilities for bedside and clinical teaching, the University Hospital and the University Dispensary were established in 1898 and made a part of the Medical School. In 1902 the old Medical School Building, in which the exercises had been held since 1867, gave place to the present large and commodious structure.

Educational Position

The Medical School of the University is a member of the Association of American Medical Colleges. It is one of the medical colleges which has been designated continuously as "Class A" by the American Medical Association, is one of the medical schools designated by the Secretary of War to maintain a Reserve Officers' Training Corps Unit, and is accredited for all its work by the Combined (Royal) Medical Examining Boards in England.

The degree of M. D. given by this University admits the holder to all governmental examinations, including those for the Medical Corps of the United States Army and Navy and the Public Health Service and, with evidence of one year of post graduate hospital work in those States which require hospital internship, will admit a graduate to all State examinations.

The alumni of this School are largely represented in all public services, and have been highly successful in passing the rigid examinations given by them. These facts guarantee the character of the work done by the School and insure students and graduates all the advantages which accrue from such association and recognition.

BUILDINGS AND OTHER FACILITIES

All the buildings adjoin each other and consist of the Medical School, the University Hospital and the University Dispensary. They are most advantageously situated in the heart of the city within one block of both systems of car lines. As the Hospital and Dispensary adjoin the School, their clinical facilities are easily accessible to the students, and the pathological material and the material for clinical microscopy and clinical chemistry afforded by the Hospital and Dispensary are directly used in the School laboratories.

Medical School Building.—A modern, commodious, five-story structure with spacious, well-lighted, well-ventilated lecture and class rooms, laboratories, and students' rooms, equipped with steam heat, gas, electricity, and all modern improvements.

Laboratories.—Five in number (for anatomy, bio-chemistry and clinical chemistry, histology and embryology, physiology and pharmacology and bacteriology and pathology), are fully equipped with the most approved appliances, so that students may adequately pursue the laboratory courses and acquire the technical skill necessary in modern clinical and research work.

Medical Library.—Open for study and reading from 9 a. m. to 4 p. m., with a librarian in charge. It contains at present more than 2,000 volumes, and provision is made to add to it as published the important new works on medicine. The standard medical periodicals are regularly received. The library is an excellent working collection, as it affords opportunity to read up adequately on the subjects presented in the courses.

For purposes of advanced study and research the unequalled resources of the great Library of the Surgeon General of the Army are available to all students and teachers.

Pathological Museum.—Open from 9 a. m. to 4 p. m., with a curator in charge. It contains many valuable and interesting specimens. Their number is increased by additions from time to time. These specimens are particularly valuable to the students as illustrating the changes produced by disease, are all card catalogued and are actively used in the course on pathology and in regularly held clinico-pathological conferences.

No dental or art courses are conducted in the Medical School, and students in medicine have the advantage of being instructed by teachers whose interests are primarily medical and of not having to be in classes or laboratories with students pursuing other courses.

ADVANTAGE OF LOCATION FOR THE STUDY OF MEDICINE

The city of Washington has nearly a half million inhabitants, providing abundant clinical material to the hospitals, which have an

aggregate of over five thousand beds. In these hospitals clinical instruction, in addition to that in the University Hospital, is given by members of the faculty.

The *great libraries and museums* connected with the various Government institutions afford unparalleled facilities for study.

The Library of the Surgeon General's office of the United States Army is the most complete general medical library in the world, and in addition to its great collections of medical works, all leading medical periodicals of the world are subscribed for. There is also the Library of Congress, the Public Library, and the many excellent libraries of the various Government offices. All the facilities of these great libraries are open to *medical students*.

The *Army Medical Museum* affords unrivalled opportunity for studying the conditions met with in military and general medicine and surgery. It has on exhibition a collection of anatomical and pathological specimens unequalled by any other museum. The other great Government museums—the Museum of Hygiene and the National Museum—as well as the Smithsonian Institution, the Fish Commission, the Botanic Gardens and the Department of Agriculture, all afford opportunities for study both in medicine and its collateral sciences.

On account of the many medical and scientific facilities of this city, the *Army and the Navy Medical Schools, with the large Army and Navy General Hospitals*, have been located here.

Aside from the special advantages offered for the study of medicine, the cosmopolitan character of the city of Washington, its mild climate, its beauty, and as it is the seat of the National Government, its broad interests, make it an ideal place for a medical student to pass his four years of study.

ADMISSION

The requirements for admission to the Medical Schools are as follows:

Candidates for matriculation must be of good moral character.

The minimum educational requirements for admission are fifteen units of secondary school work and two years of college work made up as follows:

SECONDARY SCHOOL UNITS

Credit may be granted for the subjects shown in the following list and for any other subjects counted by a standard accredited high school as a part of the requirements for its diploma, provided that at least eleven units must be offered in groups I-V:

Subjects:

Group I, English—		Units* Required	
Literature and composition.....	3-4	3	
Group II, Foreign Languages—			
Latin	1-4		
Greek	1-3		
French and German.....	1-4	2†	
Other foreign languages.....	1-4		
Group III, Mathematics—			
Elementary algebra	1	1	
Advanced algebra	½-1		
Plane geometry	1	1	
Solid geometry	½		
Trigonometry	½		
Group IV, History—			
Ancient history	½-1	1	}
Medieval and modern history.....	½-1		
English history	½-1		
American history	½-1		
Civil government	½-1		
Group V, Science—			
Botany	½-1		
Zoology	½-1		
Chemistry	1		
Physics	1		
Physiography	¼-1		
Physiology	½-1		
Astronomy	½		
Geology	½-1		
Group VI, Miscellaneous—			
Agriculture	1-2		
Bookkeeping	½-1		
Business law	½-1		
Commercial geography	½-1		
Domestic science	1-2		
Drawing, freehand and mechanical.....	¾-2		
Economics and economic history.....	½-1		
Manual training	1-2		
Music: Appreciation and harmony.....	1-2		

* A unit is the credit value of at least thirty-six weeks' work of four or five recitation periods per week, each period to be not less than 45 minutes. A point is a subject pursued through one-half the above time. Two points may be considered the equivalent of one unit.

† Both of the required units of foreign language must be of the same language, but the two units may be presented in any one of the languages specified.

COLLEGE WORK

Semester hours required

Chemistry	12
Physics	8
Biology	8
English	6
Electives	26

Chemistry.—Of the twelve semester hours required, eight hours must be made up of general inorganic chemistry (including four semester hours of laboratory work). Qualitative analysis may be counted as general inorganic chemistry. The remaining four semester hours must consist of organic chemistry, including two semester hours of laboratory work.

Physics.—The eight semester hours required must include at least two semester hours in laboratory work. It is urged that this course be preceded by a course in trigonometry.

Biology.—Eight semester hours required, of which four must consist of laboratory work. This requirement may be satisfied by a course of eight semester hours in either general biology or zoology or by a course of four semester hours each in zoology and botany, but not by botany alone.

English Composition and Literature.—The usual introductory college course of six semester hours, or its equivalent, is required.

Modern Foreign Language.—A reading knowledge of a modern foreign language, preferably French or German, is required.

Electives.—It is recommended that the twenty-six semester hours required include a modern foreign language, comparative vertebrate anatomy, social science and psychology.

A semester hour is the credit value of one-half year's work consisting of one lecture or recitation period per week, each period to be not less than fifty minutes net; at least two hours of laboratory work to be considered as the equivalent of one lecture or recitation period; and the year to be not less than thirty-three weeks of actual work.

The laws relating to the preliminary educational qualifications required of physicians differ in many of the States, and candidates are advised that if they meet the pre-medical and other requirements of this School they will be able to comply with the legal demands of all State Examining Boards in the United States. Any admission standard lower than that of this School will not meet the requirements of all the States of the Union.

SPECIAL COURSE FOR ADMISSION TO THE MEDICAL SCHOOL

Courses are offered by the University to meet the required two years of college work necessary to enter the freshman class in Medicine.

	SEMESTER HOURS
<i>First Year</i>	
Chemistry 3 or 4.....	10 or 8
Zoology 3	8
English 1 or 2.....	6
*Electives (including preferably French or German).....	6 or 8
	—
Total.....	30
<i>Second Year</i>	
	SEMESTER HOURS
Physics 3 and 4.....	10
Chemistry 15.....	6
*Electives	14
	—
Total.....	30

COURSE LEADING TO DEGREE OFFERED BY THE UNIVERSITY IN ADDITION TO THE COURSE FOR THE DEGREE OF DOCTOR OF MEDICINE

The University offers a seven-year course for the degree of Bachelor of Arts and Doctor of Medicine.

ADMISSION TO COLUMBIAN COLLEGE

Applicants for admission to the Freshman Class in Columbian College for the combined course leading to the degrees of Bachelor of Arts and Doctor of Medicine must meet the general admission requirements of fifteen units. A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. The *fifteen units of the entrance requirements must include English, 3 units; Mathematics, 2½ units, and one of the following languages: Latin, Greek, French, German, or Spanish, 2 units.* The remainder of the requirement is elective and may be satisfied in general by any accredited secondary school subjects.

SEVEN-YEAR COURSE FOR THE DEGREES OF BACHELOR OF ARTS AND DOCTOR OF MEDICINE

Regular students in this course must complete at least ninety semester hours of prescribed college work and the first-year course in the Medical School. On completion of the prescribed work and the first

* Total electives must include at least twelve semester hours in subjects other than Natural Science.

year of the regular course in Medicine the student will receive the degree of Bachelor of Arts.

The hours of prescribed work, of which at least eighteen semester hours and one year in residence must be completed in Columbian College, are as follows:

SUBJECT:	SEMESTER HOURS
Zoology 3	8
Chemistry 3 or 4, and 16.....	16 or 14
English	6
Modern Languages, preferably French or German.....	12
Physics 3 and 4.....	10
Psychology	6
Electives (including not to exceed thirty semester hours in Medicine)	62 or 64
Total.....	120

ADMISSION OF STUDENTS FROM OTHER SCHOOLS

Students who have satisfactorily attended one or more terms at any other Class A medical school, and who have the necessary preliminary educational requirements, may be admitted to advanced standing.

Students who have been in attendance upon an Arts course in other accredited colleges or universities may be admitted to advanced standing in any of the pre-medical courses offered by the University upon examination or upon presentation of properly certified evidence of satisfactory completion of work for which credit is asked.

Students approved by the Dean, not candidates for the degree of Doctor of Medicine, may be admitted as special students to any of the courses, provided they have the educational attainments which will enable them to pursue properly the studies they elect.

ACADEMIC YEAR

The *Academic Year* begins on the last Wednesday in September. It is divided into two half-years of four months each.

The term of study for the degree of Doctor of Medicine consists of four years of thirty-two weeks each, exclusive of vacations and holidays. The next session, the one hundred and second, begins September 24, 1926, and ends June 9, 1927.

Students must register promptly at the beginning of the session, in order that their time of study shall count as a full year.

SYSTEM OF INSTRUCTION

Instruction is carried on by laboratory work, lectures, recitations, bedside instruction, and hospital and dispensary clinics. Particular

stress is laid upon laboratory work and clinical teaching. The clinical material in the University Hospital and Dispensary is utilized to the fullest extent, as the Hospital, the Dispensary, and the Medical School are under the same control. Additional clinics are given in other hospitals in the city to which members of the faculty are attached.

While close relations of the laboratories with clinics is maintained and the greatest stress is laid upon laboratory work and clinical teaching, it is recognized that the facts so obtained must be correlated and shown in their due relation to each other and to the science of medicine. To this end didactic lectures and conferences are maintained as they have been found necessary to give a systematic and comprehensive idea of the subjects in medicine.

The policy adopted by the School is to give a comprehensive, well-graded and well-proportioned course—one that will adequately prepare the graduate to practice general medicine and meet the requirements of State Medical Examining Boards.

ORDER OF INSTRUCTION

The subjects studied in each year are shown in the following table. Major subjects are in italics:

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
<i>Anatomy.</i> Histology. Embryology. Physiology. Chemistry. Ethics.	<i>Anatomy.</i> <i>Pathology.</i> <i>Bacteriology.</i> Materia Medica. <i>Pharmacology.</i> Minor Surgery. Physical Diagnosis. Physiology. Preventive Medicine and Hygiene. Clinical Chemistry.	<i>Medicine.</i> <i>Surgery.</i> Fractures and Dislocations. Clinical Pathology. <i>Obstetrics.</i> <i>Therapeutics.</i> Roentgenology. Anaesthesia. <i>Gynecology.</i> Medical Jurisprudence. Gross Pathology. Dermatology. Pediatrics. Tropical Medicine. <i>Clinics.</i>	<i>Clinical</i> <i>Medicine.</i> <i>Surgery.</i> Orthopedics. Genito-Urinary Diseases. Military. Surgery. <i>Obstetrics.</i> <i>Gynecology.</i> Laryngology and Otology. Ophthalmology. Psychiatry. Neurology. Neuro-pathology. Ethics. <i>Clinics.</i>

The *clinics* above listed comprise the medical, surgical, obstetrical and other clinics given in the third and fourth years, and are as hereafter noted under the announcements of the different clinical subjects.

Students in the medical unit, Reserve Officers' Training Corps, have one additional hour per week of instruction in medico-military subjects.

FIRST YEAR SCHEDULE
First Trimester (Sept. 24-Dec. 31)

<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-10 Military Science and Tactics
1-2 Physiology		1-2 Physiology		1-2 Physiology	

2-5
Histology and
Embryology

1-5
Chemistry

2-5
Histology and
Embryology

1-5
Chemistry

2-5
Histology and
Embryology

Second Trimester (Jan. 1-Mar. 15)

9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-10 Military Science
1-2 Physiology	1-5 Chemistry	1-2 Physiology	1-5 Chemistry	1-2 Physiology	
2-5 Histology and Embryology		2-5 Histology and Embryology		2-5 Histology and Embryology	

Third Trimester (Mar. 16-June 9)

9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-12 Anatomy	9-10 Military Science
1-2 Physiology	1-2 Physiology	1-2 Physiology	1-2 Physiology	1-2 Physiology	
2-5 Histology and Embryology	2-5 Elective	2-5 Histology and Embryology	2-5 Elective	2-5 Histology and Embryology	

SECOND YEAR

First Trimester (Sept. 24-Dec. 31)

<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
9-12 Bacteriology and Immunology	9-12 Bacteriology and Immunology	9-12 Bacteriology and Immunology	9-12 Bacteriology and Immunology	9-12 Pharmacology	9-12 Physiology
1-2 Pharmacology	1-4 Neuro- Anatomy	1-2 Pharmacology	1-4 Neuro- Anatomy	1-12 Military Science and Tactics	
2-5 Physiology		2-5 Physiology		2-5 Physiology	

Second Trimester (Jan. 1-Mar. 15)

9-12 Pathology	9-12 Pathology	9-12 Pathology	9-12 Pharmacology	9-12 Chemistry
1-4 Pharmacology	1-4 Applied Anatomy	1-4 Pharmacology	1-2 Military Science	
			2-5 Preventive Medicine and Hygiene	

Third Trimester (Mar. 16-June 9)

9-1 Pathology	9-1 Pathology	9-12 Physical Diagnosis	9-12 Chemistry
2-4 Physical Diagnosis	2-5 Physical Diagnosis	2-3 Pharmacology	
3-4 Minor Surgery	3-4 Minor Surgery	1-2 Military Science	
4-5 Pharmacology	4-5 Preventive Medicine and Hygiene	2-5 Gross and Neuro- Pathology	

THIRD YEAR

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8-9 Medicine Recitation	8-9 Surgery	8-9 Pediatrics to Dec. 15		8-9 Pediatrics to Dec. 15	8-9 Dermatology After Jan. 1
9-10 Military Science and Tactics	9-10 Medicine	9-10 Obstetrics		9-10 Medicine	9-12 Clinical Pathology, Parasitology and Preventive Medicine
10-11 Obstetrics	10-11 Therapeutics	10-11 Surgery	10-11 Gynecology	10-11 Therapeutics	
11:30-2 University Hospital Dispensary 1 Section—8 Weeks	11:30-2 University Hospital Dispensary 1 Section—8 Weeks	11:30-2 University Hospital Dispensary 1 Section—8 Weeks	11:30-2 University Hospital Dispensary 1 Section—8 Weeks	11:30-2 University Hospital Dispensary 1 Section—8 Weeks	12:30-2 University Hospital Dispensary 1 Section—8 Weeks
11:15-1 Providence Hospital Dispensary 1 Section—8 Weeks	11:15-1 Providence Hospital Dispensary 1 Section—8 Weeks	11:15-1 Providence Hospital Dispensary 1 Section—8 Weeks	11:15-1 Providence Hospital Dispensary 1 Section—8 Weeks	11:15-1 Providence Hospital Dispensary 1 Section—8 Weeks	
12:30-2 Emergency Hospital Dispensary 1 Section—8 Weeks	12:30-2 Emergency Hospital Dispensary 1 Section—8 Weeks	12:30-2 Emergency Hospital Dispensary 1 Section—8 Weeks	12:30-2 Emergency Hospital Dispensary 1 Section—8 Weeks	12:30-2 Emergency Hospital Dispensary 1 Section—8 Weeks	12:30-2 Emergency Hospital Dispensary 1 Section—8 Weeks
1-2:30 Children's Hospital Dispensary 1 Section—8 Weeks After Feb. 15	1-2:30 Children's Hospital Dispensary 1 Section—8 Weeks After Feb. 15	1-2:30 Children's Hospital Dispensary 1 Section—8 Weeks	1-2:30 Children's Hospital Dispensary 1 Section—8 Weeks	1-2:30 Children's Hospital Dispensary 1 Section—8 Weeks After Feb. 15	1-2:30 Children's Hospital Dispensary 1 Section—8 Weeks
1-2:30 Surgical Clinic Providence Hospital 1 Section	1-2:30 Anesthesia Providence Hospital 1 Section				
3-4 Medicine	3-4 Medical Jurisprudence After Jan. 1				
4-5 Tropical Medicine To Dec. 31	2-4 Physical Diagnosis Entire Class to Feb. 15			2-4 Physical Diagnosis Entire Class To Feb. 15	
			4-5 Roentgenology After Jan. 1		

FOURTH YEAR

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8-10 Surgical Clinic University Hospital Entire Class	8-9 Gynecology Recitation 9-10 Obstetrics	8-9 Laryngology 9-10 Orthopedic Surgery	9-10 After Jan. 1. Neuro-Surgery	9-10 Medical Clinic University Hospital Entire Class	9-10 Obstetrics
10-1 Daily Bedside Clinics in Medicine and Surgery University Hospital Sections	10-1 Daily Bedside Clinics in Medicine and Surgery University Hospital Sections	10-1 Daily Bedside Clinics in Medicine and Surgery University Hospital Sections	10-1 Daily Bedside Clinics in Medicine and Surgery University Hospital Sections	10-1 Daily Bedside Clinics in Medicine and Surgery University Hospital Sections	10-1 Daily Bedside Clinics in Medicine and Surgery University Hospital Sections
10-15-12-30 Pediatric Clinic Children's Hospital Sections	10-15-12-30 Medical Clinic Providence Hospital Sections	10-15-12-30 Orthopedic Clinic Emergency Hospital Sections	10-15-12-30 Surgical Clinic Emergency Hospital Sections	10-15-12-30 Surgical Clinic Emergency Hospital Sections	10-15-12-30 Heart Clinic Gallinger Hospital Sections
G. U. Surgical Clinic Garfield Hospital Sections	Pediatric Clinic Children's Hospital Sections	Gynecology Clinic University or Columbia Hospital Sections	Surgical Clinic Garfield or Children's Hospital Sections	Pediatric Clinic Children's Hospital Sections	Medical Clinic Tuberculosis Hospital Sections
11-12 Obstetrical Clinic Columbia Hospital Sections	11-1 Surgical Clinic Emergency Hospital Sections	11-1 Obstetric Clinic Columbia Hospital Sections	11-1 Obstetric Clinic Columbia Hospital Sections	Orthopedic Clinic Children's Hospital Sections	Surgical Clinic Emergency Hospital Sections
1-30-2-45 Ophthalmology Clinic Episcopal Hospital Sections	12-1 Medical Clinic Tuberculosis Hospital Sections	1-2 Neurology Clinic Emergency Hospital Sections	After Jan. 15 Neuro-Pathology St. Elizabeth's Hosp. Entire Class	1-2 Roentgenology Clinic Garfield Hospital Sections	1-2 Neurology Clinic Emergency Hospital Sections
1-30-2-45 Medical Clinic Garfield Hospital Sections	1-30-2-45 Pediatric Clinic Children's Hospital Entire Class	1-2 Fracture Clinic Emergency Hospital Sections	2-4 Psychiatry Clinic St. Elizabeth's Hosp. 1/4 Class	1-2 Gynecology Clinic Emergency Hospital Sections	12-30-2 Ear, Throat and Nose Clinic Episcopal Hospital Sections
1-30-2-45 Dermatology Clinic Gallinger Hospital Sections	12-30-2 Ear, Nose and Throat Clinic Episcopal Hospital Sections	12-30-2 Ear, Nose and Throat Clinic Episcopal Hospital Sections	Medical Clinic St. Elizabeth's Hosp. 1/4 Class	1-2 Ear, Throat and Nose University Hospital Sections	1-30-2-30 Ophthalmology Clinic Episcopal Hospital Sections
12-30-2 Ear, Nose, Throat Clinic Episcopal Hospital Sections	1-30-2-30 Ophthalmology Clinic Episcopal Hospital Sections	1-30-2-30 Ophthalmology Clinic Episcopal Hospital Sections		Dermatology Clinic Gallinger Hospital Sections	
4-5 Surgery	3-4 Military Science and Tactics 4-5 Neurology	3-4 Surgery	4-5 Psychiatry After Jan. 1st	3-4 Ophthalmology To Feb. 15th	
		4-5 Genito-Urinary Surgery		4-5 To Jan. 1st Proctology After Jan. 1st Surgery	

OUTLINE OF CURRICULUM

Hours of Required Work in Each Subject

(On the basis of 32 actual weeks in each year)

SUBJECT	YEARS	HOURS	
		Totals*† Didactic, Lab. and Clinical	Didactic not to exceed
Anatomy.....	I	480	60
Anatomy.....	II	132	30
		— 612	— 90
Histology and Embryology.....	I	280	60
		— 280	— 60
Chemistry.....	I	180	60
		— 180	— 60
Physiology.....	I	96	96
Physiology.....	II	144	—
		— 240	— 96
Bacteriology.....	II	144	30
Pathology.....	II	320	60
Preventive Medicine and Hygiene.....	II and III	64	22
		— 528	— 112
Pharmacology.....	II	180	74
Therapeutics.....	III	32	32
		— 212	— 106
Gynecology.....	III and IV	112	64
		— 112	— 64
Obstetrics.....	III and IV	138	128
		— 138	— 128
*Clinical Obstetrics, Cases, etc.....	III and IV	100	—
		— 100	—
Medicine.....	II, III, IV		
General Medicine, including Endocrinology and Dietetics.....		666	160
Clinical Pathology and Parasitology.....		72	24
Physical Diagnosis.....		140	12
Tropical Diseases.....		12	12
Dermatology and Syphilis.....		40	16
Pediatrics.....		160	24
Nervous and Mental Diseases.....		132	52
Medical Jurisprudence.....		23	23
Clinical Chemistry.....		48	12
		— 1293	— 335
Surgery.....	II, III, IV		
General Surgery, including Minor Surgery, Military Surgery, Fractures and Anaesthesia.....		484	148
Roentgenology.....		36	14
Ophthalmology.....		60	18
Otology and Laryngology.....		56	28
Genito-Urinary Surgery.....		52	28
Orthopedics.....		57	24
		— 745	— 260
Grand totals.....		4440	1311

* In the third and fourth years, each student is required to do satisfactorily considerable practical work; he is assigned to cases in hospitals, is required to assist at operations, to attend cases of labor, administer anaesthetics, attend autopsies and to take case histories.

† Subject to variation.

ANATOMY

GEORGE B. JENKINS, M.D.	.....	Professor
WILLIAM BINFORD KING, B.S., M.D.	.....	Associate Professor
GEORGE J. BRILMYER, M.S., M.D.	.....	Associate Professor
OTHMAR SOLNITZKY, Ph.D.	.....	Instructor
JOSEPH STEIN, M.D.	.....	Instructor

The work in general anatomy is designed to cover the entire subject in such manner as to afford the student a practical working basis for his later studies in medicine and is so correlated and taught as to emphasize the value of relation and function as well as that of structure.

While constant surveillance is maintained over the student body, frequent demonstrations are given and conferences are held by members of the Division, individual work is encouraged and to those students who demonstrate especial fitness, opportunities for advanced work are offered. Research is encouraged and qualified students will be aided in every way possible.

The following courses are offered:

(1) *Gross Anatomy.*

This includes careful dissection and study of the entire body during the first year, excepting the central nervous system. The study of the more difficult parts such as the special sense organs and viscera is supplemented by the use of models and prepared specimens.

Osteology and Arthrology are studied during dissection, supplemented by a short laboratory course in the study and drawing of prepared specimens.

(2) *Microscopic Anatomy and Embryology.*

This includes normal Histology and Embryology; and, while these courses are taught separately, they are so correlated as to show the structural units of the body developmentally, their morphology and arrangement and their relations to each other and to other structural units in the construction of the tissues and organs, so that this study may constitute a proper basis for Gross Anatomy, Physiology, Pathology, and the clinical branches.

(3) *Neuro-Anatomy* is taught in the second year and consists of study, both gross and microscopic, of the central nervous system. Abundant material is provided, and models, diagrams and lantern projections are freely used.

(4) *Topographical Anatomy* is given by a study-room course in drawing and studying prepared specimens, cross-sections and other materials.

(5) *Clinical and Applied Anatomy (Elective).*

A series of demonstrations with study-room facilities is given to correlate the general anatomy of selected regions with the needs of the clinician.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Gross Anatomy	I	480	60
Neuro and Topographical Anatomy	II	132	30
Histology and Embryology.....	I	280	60
		— 892	— 150

PHYSIOLOGY AND PHARMACOLOGY

GEORGE B. ROTH, A.B., M.D.....	Professor
LESLIE HOWSON FRENCH, M.D.....	Professor
JAMES HOLMES DEFANDORF, A.M.....	Associate Professor
JULIUS BLUMENSTOCK, B.S., S.M.....	Associate Professor
LOYD L. CULLIMORE, M.D.....	Instructor

PHYSIOLOGY

LESLIE HOWSON FRENCH, M.D.....	Professor
JULIUS BLUMENSTOCK, B.S., S.M.....	Associate Professor
LOYD L. CULLIMORE, M.D.....	Instructor

The instruction in Physiology begins in the third semester of the first year. The student is thus early in his course in Medicine introduced to the functional viewpoint. He is taught to observe accurately and to correlate the observed facts. The functional changes that occur in various organs in disease are discussed in connection with the study of the normal function of those organs.

Course 1. First Year—Third Trimester.

Course of systematic lectures, recitations and conferences covering the physiology of Muscle, Nerve, Blood, Circulation, Respiration, Digestion, Secretion, Metabolism, Excretion, Central Nervous System and Special Senses.

Course 2. Second Year—First Trimester.

Experimental Physiology. The experiments are selected to illustrate the fundamental principles of Physiology and familiarize the students with methods employed in Experimental Physiology and Medicine. The work includes a theoretical and practical study of instruments of more recent development such as the electrocardiograph, the latest types of polygraphs and of apparatus for the determination of basal metabolism.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Physiology	I	96	96
Physiology	II	144	
		— 240	— 96

PHARMACOLOGY

GEORGE B. ROTH, A.B., M.D. *Professor*
 JAMES HOLMES DEFANDORF, A.M. *Associate Professor*

The following courses in Pharmacology are designed to give the student a knowledge of drugs which is obtained from precise methods of observation. Facts concerning the physico-chemical character and clinical uses of drugs are taught by means of lectures, recitations, laboratory exercises, demonstrations and conferences.

Course 1. Chemical Pharmacology and Principles of Prescription Writing.—Second year, first trimester.

This course aims to teach the elements of the pharmacy of the more important medicinal agents and to acquaint the student with the fundamentals underlying the chemical incompatibilities of drugs. The characteristic reactions of the more common constituents in drugs are emphasized and the excretion of certain drugs in man is investigated.

The drill in prescription writing accompanies the exercises in chemical pharmacology and endeavors to apply the chemical facts previously learned.

Course 2. Pharmacodynamics and Principles of Prescription Writing.—Second year, second trimester.

The instruction in Pharmacodynamics consists of demonstrations and student experiments to illustrate the biological effects and nature of the action of the more important pharmacological agents, proceeding from the simple to the more complex tissues and finally to the organism as a whole. If possible, the site of the action of the drug is ascertained, thus affording a rational basis for its use in therapeutics. The drill in prescription writing follows the same plan as outlined in Course 1.

Course 3. Systematic Pharmacology.—Second year.

This is a didactic course, supplemented by demonstration, which correlates the most prominent facts relating to the more important therapeutic agents and brings them into more intimate connection with their clinical use, special consideration being given to the drugs found in the United States Pharmacopoeia and New and Non-Official Remedies.

SUBJECT	YEAR	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Pharmacology	II	180	74

THERAPEUTICS

HENRY COOK MACATEE, M.D. *Professor*

- (1) Systematic lectures and recitations on the physiological action of drugs and other remedial agents, their therapeutic use in disease; their modes of administration; and a review of their toxicology.
 (2) A review of the principles of prescription writing, with practical exercises by students in writing prescriptions in the metric system.
 (3) Lectures in applied therapeutics, devoted to the study of the application of remedial measures to morbid physiological and pathological states, as they occur clinically.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Pharmacology	II	180	74
Therapeutics	III	32	32
		— 212	— 106

CHEMISTRY

JOSEPH HYRAM ROE, Ph.D. *Professor*
 OLIVER JOHN IRISH, M.S. *Associate Professor*
 MARIE O'DEA, M.S. *Instructor*

The instruction in Chemistry consists of lectures, laboratory work, demonstrations, recitations and informal conferences.

The following courses are offered:

1. *Physical Chemistry and Quantitative Principles*.—A series of lectures, supplemented by laboratory experimentation, is first given upon the physico-chemical processes concerned in functional activity, and upon the recent advances in inorganic chemistry. Such phenomena as diffusion, dialysis, osmosis, colloids, radio-activity and the structure of the atom, are emphasized. The student is taught in the laboratory the standardization of apparatus, hydrogen-ion concentration, the preparation of standard solutions, the theory and use of indicators, and quantitative principles essential for biochemical analysis.

2. *Physiological Chemistry*.—After the above preliminary training the remainder of the year is devoted to physiological chemistry. This course consists of a study of the chemical structure and reactions of carbohydrates, fats, and proteins; the composition of the tissues of the body, and of milk, urine and the secretions; the physiological chemical processes such as the digestion, absorption and assimilation of foods,

general enzyme action and metabolism; the fundamental principles of nutrition. The laboratory work is planned to supplement the lectures by a qualitative and quantitative study of the substances and physiological processes discussed, concluding with special experiments in metabolism.

3. *Clinical Chemistry*.—A course in the biochemical methods of analysis used as aids in the diagnosis of disease. This consists of a quantitative examination for significant substances in the blood, urine, gastric juice, and alveolar air, and the interpretation of these findings as applied to diseased conditions. The routine qualitative clinical tests and selected organ function tests are considered thoroughly. These studies are carried out upon pathological material from the University Hospital and other sources.

4. *Graduate Work*.—A course in clinical chemistry is offered to a limited number of physicians and graduate students who wish to become acquainted with recent advances in laboratory methods of diagnosis.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Chemistry	I	180	60
Clinical Chemistry	II	48	12

BACTERIOLOGY AND PATHOLOGY

OSCAR BENWOOD HUNTER, A.M., M.D. *Professor*
 TOMÁS CAJIGAS, M.S., M.D. *Professor of Pathology*
 WALTER FREEMAN, A.B., M.D. *Professor of Neuro-Pathology*
 JAMES EDWIN HOUGHTON, M.D.,

Professor of Preventive Medicine and Hygiene

HELEN I. PFAFF, M.S. *Instructor in Bacteriology*
 HERBERT MARTYN, M.D. *Instructor in Morbid Anatomy*
 ROGER M. CHOISSE, M.D. *Instructor in Parasitology*
 FRANCIS X. COURTNEY, A.B. *Instructor in Bacteriology and Pathology*
 JOHN HARPER, M.D. *Instructor in Bacteriology and Clinical Pathology*
 THOMAS J. SHIVERS. *Instructor in Laboratory Technique*

BACTERIOLOGY

The didactic portion of the course in Bacteriology consists of a series of about thirty lectures and quizzes, in which the entire field of bacteriology, including immunology in its application to human medicine and welfare, is considered. The first few lectures are necessarily limited to the consideration of the general principles of the science, after which the pathogenic microorganisms are discussed in a systematic sequence, with the theories of immunity treated of in appropriate places.

In the laboratory portion of the course which occupies about three-quarters of the total time devoted to the subject the students first prepare all the standard culture media and learn the general principles of bacteriologic technic from the study of about a dozen typical, widely different non-pathogenic organisms. Subsequently, about fifty pathogenic bacteria are carefully examined by microscopic, cultural and serologic methods. The students prepare as far as practicable such special media as are needed for this latter work. In addition to this systematic examination of characteristic organisms the students test the efficiency of the commonly employed germicides, prepare a vaccine, and in groups prepare agglutinating, hemolytic and other immune serums and use these as commonly employed in diagnosis. In connection with the preparation of culture media the principles of sterilization are covered. In the microscopic examination of bacteria the students are trained in the use of the high powers of the microscope, in the use of dark ground illumination, and are taught to make microscopic measurements.

During the course where occasion arises in connection with special cases of interest in the University Hospital or elsewhere unusual infections or rarely occurring processes of diagnosis, etc., are demonstrated. The routine bacteriologic and serologic work of the Hospital is done in the same laboratory where the students are working so that they have ample opportunity to observe the practical application of bacteriology.

PATHOLOGY

In Pathology the division of the course into laboratory and lecture teaching is followed, the amount of time devoted to each being about twice the corresponding time in Bacteriology. General pathology, covering inflammation, repair, degenerations, the effects of plant (including bacteria) and animal parasites on the body, the effect of chemical and physical agents, the formation of new growth, etc., is first considered. This is followed by the special pathology of the organs and of the specific diseases.

The laboratory work consists primarily in the histologic study of diseased tissues and neoplasms. Between two and three hundred sections are stained, mounted and loaned to each student. These sections are carefully examined and studied by the student who makes colored pencil drawings of the characteristic lesions shown by them.

Each student is required to freeze, section, stain and diagnose a number of tissues until he becomes thoroughly familiar with frozen section technique.

The microscopic study is supplemented by that of material from the operating room, post-mortem and by specimens in the museum, thus giving a knowledge of gross morbid anatomy.

The class is divided into groups and are called from time to time for necropsies as may be performed by members of the staff at different hospitals and undertakers' establishments. Amphitheatre necropsies are held regularly at the University Hospital in which the clinicians and pathologists participate in the discussions and elucidation of the findings.

At St. Elizabeth's Hospital, under Dr. Freeman, students have an excellent opportunity for training in gross and neuro-pathology.

CLINICAL PATHOLOGY AND PARASITOLOGY

In the course in Clinical Microscopy the student is trained in the counting of the red and white blood cells, in the various methods of hemoglobin estimation, in differential leucocyte counting, in the study of malarial parasites, and such other parasites of the blood as opportunity affords, in the estimation of the coagulation time of the blood, etc., in the microscopic study of the sediments in normal and pathologic urines, in the microscopic examination of stomach contents, of the feces, including a detailed study of animal parasites and their life histories, which are of interest from a medical standpoint, beginning with the protozoa and passing through the helminths and arthropods, in the microscopic examination of sputum, of spinal fluids, pleural exudates, etc., as material and opportunities afford. The venomous animals and their venoms are also studied and the problems of immunity in this group are discussed. The significance and value of these findings as applied to pathology and diagnosis are considered.

PREVENTIVE MEDICINE AND HYGIENE

The course in Preventive Medicine and Hygiene consists of lectures and recitations, laboratory work, sanitary excursions and sanitary surveys. The lectures and recitations cover the field of preventive medicine and hygiene, including personal hygiene, in a systematic way, using the standard text-books for the basic reading. The laboratory instruction consists of laboratory work and demonstrations in public health laboratory methods and in physiological hygiene. The sanitary excursions include visits to the two principal types of water treatment plants, sewage treatment works, refuse disposal plants, dairy, pasteurization plant, schools, various industrial plants, and a county health organization. A study will be made of the organization and functioning of a city health department; and the students will make sanitary surveys of small towns.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Bacteriology	II	144	30
Pathology	II	320	60
Preventive Medicine and Hygiene	II, III	64	22
Clinical Microscopy and Parasitology	III	72	24

MEDICINE

BUCKNER MAGILL RANDOLPH, M.D.	<i>Professor of Clinical Medicine</i>
WILLIAM JOHNSTON MALLORY, M.D.	<i>Professor of Medicine</i>
J. LAWN THOMPSON, M.D.	<i>Professor of Medicine</i>
COURSEN BAXTER CONKLIN, B.S., M.D.	<i>Professor of Physical Diagnosis</i>
GLENMORE FORD CLARK, M.D.	<i>Professor of Tropical Medicine</i>
THOMAS ASH CLAYTOR, M.D.	<i>Clinical Professor</i>
FRANK LEECH, M.D.	<i>Clinical Professor</i>
THOMAS S. LEE, M.D.	<i>Clinical Professor</i>
WILLIAM DAVID TEWKSBURY, M.D.	<i>Clinical Professor</i>
GEORGE N. ACKER, 2nd, M.D.	<i>Clinical Professor</i>
FRANK ADELBERT HORNADAY, S.B., M.D.	<i>Associate</i>
HARRY S. BERTON, M.D.	<i>Associate</i>
WATSON W. ELDRIDGE, M.D.	<i>Associate</i>
JOSEPH WINTHROP PEABODY, M.D.	<i>Clinical Associate</i>
HENRY R. SCHREIBER, M.D.	<i>Clinical Associate</i>
EVERETT MUNROE ELLISON, A.M., M.D.	<i>Clinical Associate</i>
BENJAMIN F. WEEMS, A.B., M.D.	<i>Clinical Associate</i>

Instruction in Medicine is so given as to conform to the most modern requirements. The work begins in the second year with a complete course in history-taking and normal physical diagnosis, and is continued through the third and fourth years. During the last two years the course consists of lectures, recitations, a study of case histories, clinical conferences, and practical work in the clinical laboratory and at the bedside.

The third year class is divided into small sections, which are required to attend the daily dispensary service in the University Hospital, where they are drilled especially in history-taking and in the technique of practical physical diagnosis.

The fourth-year class is similarly divided into small sections, and these are required to attend the ward clinics in the University Hospital, the Garfield Memorial Hospital, Children's Hospital, St. Elizabeth's Hospital, and the Tuberculosis Hospital of the District of Columbia and others.

The system of ward clinics to small groups of students affords a most effective method of studying disease and gives to every student an opportunity of following a large assortment of diseases from their commencement to the termination of their illness; in no other way is it possible to get a more practical knowledge of the methods of studying disease or a more intimate knowledge of disease itself.

Every patient in the medical wards of the University Hospital is assigned to one, or at most, two senior students, who are required (under proper supervision) to take the history, to make and record a complete physical examination, to determine after due study the

nature of the illness (diagnosis), to outline a plan of treatment, and to make daily notes of the progress of the case.

A weekly amphitheatre clinic is given to third-year students in a body and a similar clinic to the fourth-year class. A series of clinics in neurology and psychiatry is provided for the senior class at the St. Elizabeth's Hospital, where there is a great wealth of material (see announcement of Psychiatry and Clinical Neurology).

The subject of diatetics is thoroughly covered by instruction in the physiology of nutrition and principles of feeding in health and disease.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Medicine	II, III, IV		
General Medicine		666	160
*Clinical Microscopy		72	24
†Clinical Chemistry		48	12
Physical Diagnosis		140	12
Tropical Diseases		12	12
Dermatology and Syphilis.....		40	16
Nervous and Mental Diseases....		132	52
Pediatrics		160	24
Medical Jurisprudence		23	23
		—1293	— 335

PHYSICAL DIAGNOSIS

COURSEN BAXTER CONKLIN, B.S., M.D.....*Professor*
 BENJAMIN F. WEEMS, M.D.....*Clinical Associate*
 WILLIAM MCCORMICK BALLINGER, B.S., M.D.....*Clinical Instructor*

Systematic instruction in physical diagnosis is given by a special group of teachers.

Students in the second year receive thorough practical training in normal findings as a basis. In the third year, section and individual instruction is given in cases where the physical findings have been already determined, and in the fourth year, cases are assigned to students for examinations after which the students' findings are checked for accuracy by the instructors.

TROPICAL MEDICINE

GLENMORE F. CLARK, M.D.,

Lt. Commander, Medical Corps, U. S. N., Professor.

The course in tropical diseases is similar to that given in the Army and Navy Medical Schools, and consists of didactic lectures, quizzes, and laboratory instruction, with particular reference to the parasitic, protozoal diseases common in the tropics and in the southern part of the United States.

* See also announcement under Bacteriology and Pathology.

† See also announcement under Chemistry.

PSYCHIATRY AND CLINICAL NEUROLOGY

WILLIAM ALANSON WHITE, M.D., Superintendent of Saint Elizabeth's Hospital	<i>Professor</i>
JOSEPH DUERSON STOUT, M.D., Ph.D.....	<i>Professor of Neurology</i>
ROSCOE W. HALL, M.D.....	<i>Associate Professor</i>
NOLAN DON CHARPENTIER LEWIS, M.D., <i>Clinical Professor of Psychiatry</i>	
MARY O'MALLEY, M.D.....	<i>Associate</i>
DANIEL C. MAIN, M.D.....	<i>Associate</i>
JOHN E. LIND, M.D.....	<i>Clinical Associate in Psychiatry</i>

A series of lectures and clinics upon psychosis and neurology in various forms are given at Saint Elizabeth's Hospital which, with its more than four thousand beds, affords one of the largest clinics in this country.

NEUROLOGY

JOSEPH DUERSON STOUT, A.M., M.D., Ph.D.....	<i>Professor</i>
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The course in Neurology consists of one lecture a week during the school year and two hours of clinical teaching in the Dispensary and wards of the Emergency Hospital, with the demonstration of selected cases. This is given in the fourth year. In addition, there is a neurological clinic of one hour at the George Washington University Dispensary, where cases are demonstrated to the third-year class.

In the lecture course in the fourth year a survey of the functions and disease of the glands of internal secretions and of the diseases of the nervous system, not including the psychoses and other mental states.

PEDIATRICS

HARRY HAMPTON DONNALLY, A.M., M.D.....	<i>Professor</i>
HARRY A. ONG, M.D.....	<i>Associate Professor</i>
PRESTON A. McLENDON, M.D.....	<i>Associate</i>

The teaching of pediatrics is made as practical as possible by having nearly all the classes in the Children's Hospital. A large outpatient service and the patients in hospital are utilized for instruction in the prevention, diagnosis, and management of the diseases of infancy and childhood. The subject of nutrition is emphasized, and practical application of its principles studied in the baby ward and child welfare clinic. Care and feeding of premature and delicate infants are observed in a specially fitted warm-room. Small classes at the bedside and in the dispensary give close contact with patients and almost individual instruction.

Amphitheatre clinics are given weekly to the fourth-year class.

Didactic lectures, two hours per week for three months, introduce the third-year class to the special problems of pediatrics which are fully taught in the fourth year.

DERMATOLOGY

C. AUGUSTUS SIMPSON, M.D.....*Professor*

The lectures in this course will be principally clinical, supplemented by didactic lectures, illustrated by diagrams, models, and photographic illustrations of disease from life.

MEDICAL JURISPRUDENCE

JOHN PAUL EARNEST, A.M., LL.M.....*Professor*

This course is designed to familiarize students with the rights and obligations of physicians, both legal and ethical, and to qualify them to apply the facts of medical science to the solution of problems in law.

SURGERY

WILLIAM CLINE BORDEN, M.D.....*Professor*

HARRY HYLAND KERR, M.D.....*Professor of Neurological Surgery*

CHARLES STANLEY WHITE, M.D.....*Associate Professor*

DANIEL LERAY BORDEN, A.M., M.D.....*Associate Professor*

AURELIUS RIVES SHANDS, M.D.....*Clinical Professor*

JAMES F. MITCHELL, A.B., M.D.....*Clinical Professor*

WILLIAM BERRY MARBURY, M.D.....*Associate in Surgery*

OTTO NELLIS WARNER, M.D.....*Professor of Anaesthesia*

THOMAS CHARLES MARTIN, M.D.....*Professor of Proctology*

CHARLES W. HYDE, M.D.....*Associate in Anaesthesia*

CLINE N. CHIPMAN, M.D.....*Associate in Anaesthesia*

FRANCIS G. SPEIDEL, M.D.....*Associate in Anaesthesia*

HARRY SAMUEL LEWIS, M.D.....*Clinical Associate*

The principles of surgery are presented in a systematic course of lectures, so that the student may obtain a comprehensive and adequate concept of the science and art of surgery. The special divisions of surgery are taught by associates and instructors who have made specialties of these branches. The clinical material in the University Hospital and Dispensary, being under the control of the Faculty, is directly used throughout the course to illustrate the subject taught and to familiarize the students with actual clinical conditions. Surgical technique is taught by instruction in the preparation of materials used in antiseptic and aseptic surgery, the preparation of the patient, and the sterilization of instruments. Practical instruction is given in the Hospital and Dispensary in the application of splints, bandages and dressings used in the various surgical diseases and injuries. Thorough instruction and practical demonstrations are given in the administration of anaesthetics.

Clinical teaching is carried on in the University Hospital and Dispensary, and in other hospitals of the city to which members of the Faculty are attached.

Ward clinics and bedside instruction are made a prominent part of the course. The classes are divided into sections, which are regularly assigned to clinical work in the University Hospital and Dispensary, and in other hospitals and dispensaries. Senior students are assigned in rotation to individual cases in the wards of the University Hospital.

Amphitheatre clinics are given, in which the general practice of surgical diagnosis, operative technique and therapeutic procedures are shown.

Practical work is required of each student in the preparation of dressings and sterilization of instruments. Each student is required to give, under instruction, at least six anaesthesias and to assist in at least six operations.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Lab.	Didactic not to exceed
Surgery	II, III, IV		
General Surgery, including			
Minor Surgery, Military Sur-			
gery, Fractures and Anaes-			
thesia		484	148
Roentgenology		36	14
Ophthalmology		60	18
Laryngology and Otology.....		56	28
Genito-Urinary Surgery.....		52	28
Orthopedics		57	24
		— 745	— 260

ORTHOPEDICS

CUSTIS LEE HALL, M.D.....	Professor
AURELIUS RIVES SHANDS, M.D.....	Clinical Professor
GUY W. LEADBETTER.....	Clinical Associate

A course of lectures and recitations on the etiology, pathology, course, termination and treatment of congenital and acquired diseases of the bones and joints, with clinical instruction in the operations for the relief and correction of deformities, and the use of special apparatus and plaster of Paris.

GENITO-URINARY DISEASES

FRANCIS RANDALL HAGNER, M.D.....	Professor
HOMER GIFFORD FULLER, M.D.....	Clinical Professor
ADAM KEMBLE, M.D.....	Clinical Associate
F. AUGUST REUTER, M.D.....	Clinical Associate

A thorough course of instruction in genito-urinary diseases is given by lectures, recitations, section clinics, and bedside teaching.

MILITARY SURGERY

SEWELL MUNSON CORBETT, M.D., Major, Med. Corps, U. S. A.,

Professor

The treatment of gunshot wounds with special reference to civil and military practice is given in a course of lectures and demonstrations, fully illustrated by lantern slides, X-ray photographs, and actual specimens.

The use of the new armaments in recent wars and the characteristic features of the wounds caused by them, as well as the treatment of gunshot wounds in peace and war, are dealt with.

OPHTHALMOLOGY

WILLIAM THORNWALL DAVIS, M.D. *Professor*DANIEL KERFOOT SHUTE, A.B., M.D. *Clinical Professor*CARL HENNING, M.D. *Clinical Professor*EDWARD GRANT SEIBERT, M.D. *Clinical Professor*RALPH S. PENDexter, M.D. *Associate*

A course of lectures is given on the elementary principles of this subject, together with special instruction in the anatomy and physiological action of the more intricate parts of the eye. It is not intended to qualify the student as a specialist, but to give him a knowledge of what every general practitioner ought to know. The course is supplemented by clinical instruction in the University Dispensary and in the Episcopal Eye, Ear and Throat Hospital.

LARYNGOLOGY AND OTOTOLOGY

VIRGINIUS DABNEY, M.D. *Professor*OSCAR ADDISON MACK McKIMMIE, M.D. *Clinical Professor*EDWARD GRANT SEIBERT, M.D. *Clinical Professor*WILLIAM H. JENKINS, M.D. *Clinical Associate*

The course comprises lectures and clinical instruction on diseases of the nasal passages, pharynx, larynx, and the ear. Practical demonstrations are given in the use of the laryngoscope and other instruments required in these special branches.

ROENTGENOGRAPHY

ARTHUR C. CHRISTIE, M.D. *Professor*THOMAS A. GROOVER, M.D. *Associate Professor*EDWIN A. MERRITT, M.D. *Associate*

The course consists of weekly lectures and demonstrations during the latter half of the year to the third-year class and of practical clinical demonstration of apparatus and the application of the X-ray to diagnosis during the entire fourth year. A fully equipped roentgen

laboratory is maintained in the University Hospital and Dispensary and clinical demonstrations are also given to the fourth-year students at the X-ray laboratory at Garfield Memorial Hospital.

OBSTETRICS

HURON WILLIS LAWSON, S.M., M.D.	Professor
WILLIAM SINCLAIR BOWEN, M.D.	Clinical Professor
HOWARD FRANCIS KANE, A.B., M.D.	Associate Professor
CYRUS W. CULVER, M.D.	Associate
EDGAR SNOWDEN, M.D.	Clinical Associate
RICHARD L. SILVESTER, M.D.	Clinical Associate

The course in obstetrics comprises lectures, recitations, laboratory demonstrations and clinical instruction and extends over the third and fourth years. The lectures serve to outline the subject-matter and the recitations insure careful preparation on the part of the student. Special laboratory studies dealing with anatomy, embryology and pathology in relation to obstetrics are conducted in the different laboratories concerned. Models, manikins and cadavers are utilized in teaching the mechanism of labor and obstetrical operations. Clinical instruction is given to the classes in small sections at different hospitals and in the out-patient obstetrical service. Beginning about the middle of the third year each student is given practical instruction in making antepartum examinations and observes the management of labor cases. During the fourth year he conducts, under the supervision of a paid instructor, twelve labor cases in the large and well-organized out-patient maternity service and submits written reports upon the cases attended.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Clinical	Didactic not to exceed
Obstetrics	III and IV	238*	128

GYNECOLOGY

JOHN WESLEY BOVÉE, M.D.	Professor
ELIJAH WHITE TITUS, M.D.	Associate Professor
ALBERT LIVINGSTON STAVELY, M.D.	Clinical Professor
GIDEON BROWN MILLER, M.D.	Clinical Professor

Gynecology as taught in the third year comprises a course of lectures, text-book recitations and clinical instruction. In the fourth year individual students are assigned to cases in the wards of the

* The total number of clinic hours cannot be given, as each student is required to attend twelve cases, exclusive of the demonstration work and Ward and Dispensary Clinics above enumerated.

University Hospital, and the class is taken in sections of one or two students each into the Gynecological Dispensaries for clinical instruction in examinations, diagnosis, and treatment. In larger sections the class attends amphitheater and ward clinics given by the Professor of Gynecology and his assistants.

SUBJECT	YEARS	HOURS	
		Totals Didactic and Clinical	Didactic not to exceed
Gynecology	III and IV	112	64

ETHICS

The subject of ethics as given in the order of instruction will comprise didactic lectures on general and personal ethics in the first year and on medical ethics in the fourth year. Instruction will be given concerning personal hygiene, care of laboratory equipment, general conduct and adaptability for the profession.

CLINICS

BUCKNER MCGILL RANDOLPH, M.D. *Director*
CYRUS W. CULVER, M.D. *Associate Director in Obstetrics*

The faculty believes that clinical teaching should be as thoroughly systematized as is the teaching in the laboratories. To this end, all clinics are now under the supervision of a Director of Clinics. This secures the highest possible utilization of available clinical material for teaching purposes, a proper supervision of clinicians and students, brings the individual student into direct contact with patients and requires him to do under authoritative supervision the clinical and laboratory work necessary to diagnosis and treatment, to properly interpret the conditions occurring during the progress of cases, and to correctly write up records.

Clinical and clinico-pathological conferences are held in which the history of cases, the physical, the laboratory and the post-mortem pathology when available, are presented and correlated.

CLINICAL FACILITIES

The following hospitals are open to the students of this school for clinical study, and are extensively used for that purpose:

University Hospital and the University Dispensary

The Hospital and Dispensary are part of the educational equipment of the University. They are integral parts of the Medical School, are entirely controlled by the Faculty of Medicine, and are used primarily in instructing the students in clinical work. The Dispensary has a large out-patient service in all departments, to which several thousand visits are made annually.

The staff is composed of members of the Faculty of Medicine.

Garfield Memorial Hospital

Clinical instruction in medicine, including contagious diseases, surgery, gynecology and obstetrics.

Providence Hospital

Clinical instruction in medicine and surgery.

Emergency Hospital and Central Dispensary

Clinical instruction in medicine, surgery, particularly in emergency surgery, fractures and dislocations, dermatology and orthopedics.

Washington Asylum Hospital

Clinical instruction in medicine, particularly in chronic conditions.

Columbia Hospital for Women

Clinical instruction in obstetrics and gynecology.

St. Elizabeth's Hospital

This hospital, with 4,000 beds, is maintained by the United States Government.

Clinical instruction in mental and nervous diseases, medicine, surgery, in post-mortem work and gross pathology.

The psychiatric clinic is one of the largest in the country.

Children's Hospital

Clinical instructions in pediatrics and general and orthopedic surgery.

The Episcopal Eye, Ear, Nose, and Throat Hospital

Clinical instruction in ophthalmology, otology, laryngology and rhinology.

Casualty Hospital

Instruction in emergency surgery and orthopedics.

Tuberculosis Hospital

Clinical instruction in tuberculosis, in all its phases, both medical and surgical.

CLASSIFICATION AND ADVANCEMENT OF STUDENTS

Students are divided into four classes, according to their proficiency and time spent, viz: first year, second year, third year and fourth year.

Proficiency in all subjects is marked on a scale of 100. The passing grade in each subject is 75.

Examinations: Students who fail to appear at a regular examination will not be examined until the next regular examination except

by special permission of the Advisory Committee of the Faculty. For special examinations, a fee of ten dollars will be charged for each subject.

A student who has failed in any subject will not be advanced unless his case is especially meritorious and then only by the authority of the Advisory Committee of the Faculty. A student who has failed in a subject may, in the discretion of the Advisory Committee, be required to make it up in the September examinations.

A student who fails of graduation may, if approved by the Advisory Committee, be reexamined for graduation in the September examinations.

A student allowed to take the September examinations, either for graduation or advancement, will be required to take examinations in such subjects as the Advisory Committee may direct. For these examinations a fee of five dollars will be charged for each subject.

A student allowed to repeat a year will be required to take such subjects and such examinations as may be directed by the Advisory Committee.

A student who fails of advancement after repeating any one of the first three years or fails of graduation after repeating the final year will not be permitted to maintain his connection with the school.

REQUIREMENTS FOR GRADUATION

Every candidate for the degree of Doctor of Medicine must be at least twenty-one years of age and of reputable character. He must have complied with the admission and other requirements set forth. He must have attended at least 80 per cent of all required instruction during four sessions of thirty-two weeks each in four separate years; must have satisfactorily completed all his courses and passed all his examinations. He must be present at the time specified for the final examinations, and also at commencement. The degree is not conferred in the absence of a candidate except by special consent of the President's Council. Graduates of other accredited colleges who desire degrees must spend one year in residence at this school.

Candidates who in their work and examinations attain general averages of 90 or more will be presented to the Faculty for consideration with reference to being designated as having graduated with distinction. If in the opinion of the Faculty such candidates have shown themselves to be possessed of more than ordinary merit, they will have inscribed upon their diplomas beneath their degree the words "with distinction."

PRIZE

A prize of \$100.00 from the Ordroneaux Prize Endowment will be awarded at commencement to the member of the graduating class who has the highest scholastic standing.

HOSPITAL APPOINTMENTS

Interns are annually appointed in the University Hospital. Appointments to similar positions are open to graduates and undergraduates of this school in the following other hospitals of the city: Garfield Memorial Hospital, Emergency Hospital, Columbia Hospital for Women, Casualty Hospital, Providence Hospital, Washington Asylum Hospital, Children's Hospital, Episcopal Eye, Ear and Throat Hospital, Sibley Hospital, and Walter Reed U. S. Army General Hospital.

UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical Society was established in 1905 by a group of alumni. Its purpose is to cultivate closer friendly relations between the alumni and members of the faculty by means of social gatherings; to advance medical science by the presentation of essays, case reports and specimens for instruction and discussion at its meetings, and to further the interest of the University in general. All alumni and members of the faculty are eligible for membership on election.

Meetings of the Society are held in the Medical School building on the third Saturday of each month from October to May.

Senior students are invited to attend the meetings of this Society, so allowing them the valuable opportunity of hearing the papers presented on medical subjects and becoming familiar with the conduct of medical societies.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The central building of this Association is situated within a short distance of the Medical School.

On application through the Dean, students non-resident of the District may become members, with full privileges, including gymnasium, shower baths, swimming pools, lockers, etc., at a special rate of ten dollars for the period of the school session.

Further information regarding the Association may be obtained by application to the Secretary, 1736 G Street N.W.

MEDICAL CORPS UNIT—RESERVE OFFICERS' TRAINING CORPS, U. S. ARMY

A Medical Unit (R. O. T. C.) is established in this school by authority of the Secretary of War, and an officer of the Medical Corps of the Army is detailed to the University for supervision and instruction of the students in the unit.

Membership in the unit is voluntary, is open to any physically fit male student who is a citizen of the United States, and such membership offers material advantages.

Any student who remains in the unit for the four years of his medical course receives in the last two years pay from the Government amounting to approximately \$200.00.

The instruction in the unit is divided into two courses of two years each and consists of one hour per week of instruction in medico-military science and tactics, additional to the regular hours of medical teaching.

The object of the course is to prepare men for a better appreciation of the obligations as well as the rights of citizenship and to give them basic training in medico-military subjects.

Students who satisfactorily complete the first two years may, up to the quota allowed by the War Department, and if they elect, enter the advanced course of two years during which they receive pay, are obligated to complete the course and to attend one summer camp of instruction for six weeks to which the student will receive travel pay of five cents per mile and return. All camp requirements are provided, including uniform only worn in camp, other necessary articles, medical attention if necessary, and pay at the rate of \$21 per month—really giving an enjoyable outing with pay.

Students who successfully complete the course are upon graduation recommended for commission in the Medical Section, Officers' Reserve Corps, provided they desire appointment. Selected graduates are eligible for and given preference in appointment to internships in Army General Hospitals where, at the present time, they receive the pay and allowances of a first lieutenant of the Medical Corps.

While students are not in any way obligated to enter the unit, it is suggested that for the small obligation and time given, the instruction and pay received is well worthy of consideration.

MEDICAL SCHOOL FEES

Registration, payable on entrance.....	\$5.00
Registration, each subsequent year.....	2.00
Tuition, each year.....	296.00
Material, first, second and third year, each.....	10.00
Breakage deposit, unused part returnable.....	10.00
University fee.....	8.00
Graduation fee, including Alumni membership for one year.....	11.00

On account of the large number of applications for admission, places can be reserved only for those qualified applicants who remit with the matriculation fee the incidental fees and two months' tuition—a total of \$103.00.

In case of illness or other unforeseen inability to attend, the tuition and incidental fees paid will be returned up to one month before the

opening of the session, or thereafter if the place reserved is filled by another applicant.

There is no charge for use of microscopes, but students will be required to pay for injury to microscopes, apparatus and other college property. All breakage and loss not directly traceable to an individual student is assessed pro rata and any unforfeited balance of the breakage deposit will be returned at the expiration of the course.

Students who are allowed to take the four-year course in five years will be required to pay full tuition for each of the five years.

Registration in the Medical School is for a period of one year at a time. Acceptance by the School of a student's fee does not in any way obligate the School to accept the student for any subsequent year, and the right is reserved to drop any student from the School whenever in the interest of the student or the School the Advisory Committee of the Faculty deems it advisable to do so.

The registration, the material, the University fee and the breakage deposit are due in full in advance. After the initial payment for two months to secure registration in the freshman class, tuition may be paid in monthly instalments in advance. Students who are unable to pay their fees monthly in advance will be required to file an acceptable personal or corporate bond of \$200 as security for future payment. In every instance all indebtedness must be discharged on or before May 1 of the current school year. All fees are payable at the office of the Dean.

Persons are allowed to register as auditors for the tuition fees without being required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance.

No change in the courses undertaken at the time of registration will be made unless approved by the Dean.

Withdrawals will be granted only on recommendation of the Dean and the approval of the President.

A certificate of work done will be given to any student granted a withdrawal or a transfer to another school during the session. A written request for withdrawal or transfer must be filed with the Dean and no permission to withdraw or transfer, and no certificate of work done, will be given a student unless all fees and dues chargeable against him up to the end of the month in which he withdraws have been paid.

University Fee.

To insure them certain privileges and benefits, all students in the University are charged a fee of four dollars per semester, by which they are entitled to the following:

1. Gymnasium privileges, including participation in intra-university athletic sports.

2. Admission to all home athletic contests.
3. Admission to University debates.
4. Admission at special rates to other University events.
5. Use of the University tennis courts.
6. The University Hatchet, the official student newspaper issued weekly.
7. Medical and Hospital benefit as follows:
 - (a) Three visits by the University physician, office or home, in any one illness, exclusive of a specialist or surgical operation.
 - (b) Room, board, medicine, and undergraduate nursing in the University Hospital for not more than two weeks during the school term; necessity to be determined by the University surgeon.
 - (c) This benefit does not include: Treatment for illness or disability incurred previous to University term or prior to payment of fee.

BOARD AND ROOMS

A register of boarding houses is kept by the Treasurer. Accommodations cost from \$30 to \$50 a month.

As the number of qualified applicants for admission to the School each year exceeds its capacity, those who wish to insure admission are urged to secure from the schools and colleges attended, completely compiled, premedical credentials and forward them for evaluation as long a time as possible before the opening of the Medical School in September.

While no standard form for statement of premedical credentials is required, certificate submitted must give complete information as to number of didactic and laboratory hours taken in each subject, year in which each subject was pursued, and the grade received in each. A blank form for the above information will be furnished upon request.

For catalogues, application blanks, and further information, address:

THE DEAN,

Medical School,

The George Washington University,

1335 H Street N.W., Washington, D. C.

THE GEORGE WASHINGTON UNIVERSITY SCHOOL OF NURSING

ADMINISTRATIVE AND TEACHING PERSONNEL

WILLIAM MATHER LEWIS, A.M., LL.D.	President of the University
WILLIAM CLINE BORDEN, M.D.	Dean, Department of Medicine, and Chairman, Executive Committee of the Hospital
JASON D. BYERS	Superintendent of the Hospital
OSCAR BENWOOD HUNTER, A.M., M.D.	Bacteriology and Pathology
LESLIE HOWSON FRENCH, M.D.	Medical Diseases and Physiology
WILLIAM T. DAVIS, M.D.	Ophthalmology
FRANK A. HORNADAY, M.D.	Hygiene and Sanitation
ELIJAH WHITE TITUS, M.D.	Gynecology
HOWARD FRANCIS KANE, M.D.	Obstetrics
COURSEN B. CONKLIN, M.D.	Contagious Diseases
CUSTIS LEE HALL, M.D.	Orthopedics
CHARLES B. CAMPBELL, M.D.	Dermatology
GEORGE B. ROTH, M.D.	Materia Medica
ALBERT PERKINS TIRBETTS, M.D.	Ear, Nose and Throat
ALLEN S. WOLFE, D.D.S.	Oral Hygiene
STEWART MAXWELL GRAYSON, M.D.	Surgery
FRANCIS G. SPEIDEL, M.D.	Anaesthesia
CHARLES O. KNOTT, M.D.	Venereal Diseases
WILLIAM BINFORD KING, M.D.	Anatomy
HARRY S. BERNTON, M.D.	Occupational Diseases
KATE B. KARPELES, M.D.	Personal Hygiene
JOSEPH HYRAM ROE, Ph.D.	Chemistry
FREDERICK A. MOSS, Ph.D.	Psychology
JULIA C. STINSON, Major and Superintendent Army Nurse Corps	Ethics
BIRDIE BEALL THOMPSON, R.N., G.W.U.H., 1908, Superintendent of Nurses and Principal of the School of Nursing	
LUCY LAMON, R.N., G.W.U.H., 1911	Assistant Superintendent of Nurses
ETHEL SCHOFF, R.N., M.G.H., 1921	Instructor
ELFREDA LUNDIN, R.N., G.W.U.H., 1912, Supervisor of Obstetrical Department	
MARTHA BLACK, R.N.	Ward Supervisor
ELSIE W. AHMAY, R.N., G.W.U.H., 1919	Ward Supervisor
FRANCES ELEANOR MORROW, R.N., G.W.U.H., 1926, Operating Room Supervisor	
MELISSA ERVILLA CHAMBERLAIN, R.N., G.W.U.H., 1926, Night Supervisor	
CAROLYNE McK. CHAPMAN, R.N.	Instructor in Massage
MARY H. PHILBRICK	Instructor in Dietetics

HOSPITAL

The George Washington University Hospital is a general hospital with 110-bed capacity, non-sectarian, for white patients only, located in the central part of the city, and connected with it is a Dispensary having a large out-patient service, so that the institution affords a thorough and practical experience in medical, surgical, gynecological, obstetrical and emergency nursing and the administrative work incident to a hospital.

The Hospital Staff are all members of the Faculty of Medicine of the University Medical School, and the nurses receive the benefit arising from instruction, and the nursing of cases, under these trained teachers.

ADVANTAGES

Nurses in training in this institution have the unusual advantages incident to University association, are carried as students in the University and as such participate in the commencement exercises. The class-rooms and laboratory equipment of the University Medical School, which adjoins the Hospital, are used by the student nurses for class work.

The city of Washington is especially attractive as a place of residence during the educational period of a young woman's life. There are more schools for young women in this city than in any other of its size in the country.

The cosmopolitan character of the city of Washington, its climate (not excessively cold in winter), its beauty and interests, which as it is the seat of the General Government, are broad and national, make it an ideal place in which to pursue an educational course.

NURSES' HOME

The Nurses' Home, with a resident matron, is located a short distance from the Hospital, where comfortable accommodations are furnished.

BOARD OF LADY MANAGERS

The Hospital and the School of Nursing is materially assisted by an efficient Board of Lady Managers which has worked energetically, and by personal endeavor and financial assistance has done much to improve these institutions.

ADMISSION

Blank forms for filing application for admission to the School of Nursing will be furnished by the Superintendent of Nurses upon request.

Applicants shall not be less than 18 nor more than 30 years of age. They shall send with their application for admission certificates from their physi-

cian, oculist and dentist concerning their general health and physical condition, two letters testifying as to their character, and the names and addresses of two additional persons for reference if required.

Applicants must be graduates of a recognized high school or equivalent. They must be able to write legibly and accurately from dictation, and to take notes at lectures.

Probationers when admitted to the School must provide themselves with a complete uniform outfit, as prescribed by the Superintendent of Nurses. The cost of this outfit is approximately \$32, and is payable on entrance.

Probationers are required to bring with them two laundry bags, one pair rubbers, two pairs of black oxford shoes with military rubber heels, one kimona, one napkin ring marked with name, one watch with second hand (Ingersoll Midget or equivalent is recommended). All articles of clothing must be plainly marked with name in full with indelible ink. All student nurses having bobbed hair will furnish nets and wear them while in uniform.

Jewelry is not worn on duty, and if of any value had better be left at home. If brought to the Nurses' Home it will be at owner's risk.

When probationers are accepted as pupil nurses, an equipment of scissors, hypodermic syringe, thermometer, necessary text-books, and bibs will be supplied them and charged for at cost price.

THE CENTRAL SCHOOL OF NURSING

The League of Nursing Education of the District of Columbia has maintained as its chief interest the establishment of a Central School of Nursing. This school functions under a committee consisting of superintendents and instructors from the various schools of nursing in the District. There are thirteen schools of nursing in connection with the hospitals in the city of Washington. Of this number, seven send their preliminary students to the Central School for instruction.

The Central School is in affiliation with the George Washington University, and the majority of instructors are members of the University Medical School Faculty. The lecture and laboratory rooms are provided in the Medical Building adjacent to the University Hospital. The curriculum covers the subjects of the preliminary period and the courses are in compliance with the requirements of the standard curriculum.

The students in the George Washington University School of Nursing have the advantage of the Central School of Nursing without cost, and students who satisfactorily complete the subjects given and who otherwise meet the matriculation requirements of the University are given college unit credits for their work, as follows: Chemistry, 1 unit; bacteriology, $1\frac{1}{2}$ units; histo-anatomy, 1 unit; pathology, $1\frac{1}{2}$ units, making a total of 5 units of University credits for completion of the preliminary term.

GENERAL PROVISIONS

Approved applicants will be received on probation for a period of four months, at the end of which time those who appear to be fitted for the nursing profession will be accepted as pupil nurses and will be allowed to continue the course in training, after they have signed an agreement to abide by all the rules of the Hospital and to remain for a period of three years from the time of admission to the School.

Probationers will receive ten dollars (\$10) per month and pupil nurses twelve dollars (\$12) per month during their course of training.

Upon the satisfactory completion of the course, pupil nurses will be paid a bonus of three dollars a month for each month of service.

In addition to the monthly payment, all students in the School of Nursing receive their board and laundry free of expense, and in case of illness, medical attention and care in hospital when necessary, except that no payment will be made for time lost by illness.

Absence from duty on account of illness in excess of three weeks during the course must be made up. When a student nurse is absent for any cause exceeding six weeks she will forfeit her position in the School but may enter the succeeding class, if approved by the Executive Committee.

Two hours are allowed week days for rest, study and recreation; also one-half day (after 1 p. m.) each week (except week in which entire day is given), one-half day on Sunday, and one entire day each month.

Student nurses will be allowed a vacation of two weeks for each year of training, including the probationary period.

Pupil nurses may be dropped at any time for inefficiency, misconduct, unsatisfactory record, or whenever in the interest of the student nurse or the School the Executive Committee of the Hospital deems it advisable to do so.

A diploma from the University will be awarded to those who satisfactorily complete the full term of three years and successfully pass their examinations.

STUDENT ADVISORY COUNCIL OF THE SCHOOL OF NURSING

An advisory council consisting of three pupil nurses is established in the School.

The purpose of this council is to develop a closer cooperation between the nurses' student body, the faculty of the School and the administrative authorities of the Hospital; to aid in the enforcement of discipline and to secure strict conformity to the rules of the School; to devise ways and means for social activities; to encourage higher ideals, desire and effort for the intelligent development and general uplift of the School and the profession of nursing.

This council has full latitude in considering matters that may appear to be of importance to the School of Nursing and to the profession.

COURSE OF INSTRUCTION

Classes in the School begin twice yearly (January and September).

The course of training (including the probationary period) covers three years and comprises theoretical and practical instruction.

Theoretical instruction is given by the members of the Faculty of Medicine of the University Medical School, and by the Principal of the School of Nursing and a graduate nurse Instructor. Practical instruction is given by demonstrations in class-room and follow-up in the wards, conducted by the Instructor of the School of Nursing. By affiliation, pupils are given instruction in eye, ear, nose and throat work and children's diseases.

ORDER OF THEORETICAL AND PRACTICAL INSTRUCTION FOR STUDENT NURSES

*Preliminary Work**Hours*

Elementary Nursing—

Principles and Methods.....	80
Anatomy and Physiology.....	60
Bacteriology.....	45
Personal Hygiene.....	10
Applied Chemistry.....	45
Nutrition and Cookery.....	40
Bandaging.....	10
Drugs and Solutions.....	20
History of Nursing.....	15
Elementary Psychology.....	10
Ethics.....	8

Second or Spring Term

Pathology.....	18
Nursing in Medical Diseases.....	30
Nursing in Surgical Diseases.....	15
Materia Medica.....	20
Diet in Disease.....	10

Junior or Second Year

Nursing in Communicable Diseases.....	20
Pediatrics.....	20
Massage.....	10
Gynecological Nursing.....	10
Orthopedic Nursing.....	10
Obstetrical Nursing.....	20
Nursing in Eye, Ear, Nose and Throat.....	10

Senior or Third Year

Nursing in Mental and Nervous Diseases.....	20
Nursing in Occupational, Venereal and Skin Diseases.....	10
Public Sanitation.....	10
Emergency Nursing and First Aid.....	10
Special Lectures.....	20

Dietetics includes six weeks in special cookery for the sick under the direction of a trained dietitian.

GRADUATES

Class 1926

MISS EDITH MARIE BEATTIE.....	Virginia
MRS. JANIE LEAK BENBOW.....	North Carolina
MISS SARA ELIZABETH BRUCE.....	Virginia
MISS MIRIAM MARGARET CALDWELL.....	Tennessee
MISS MELISSA ERVILLA CHAMBERLAIN.....	North Carolina
MISS ROSE ELLEN HEFFRON.....	District of Columbia
MISS CYMBELINE MARIE HAMMEL.....	New York
MISS GRACE LEE HOPKINS.....	Virginia
MISS EDNA NORMA MCGOEY.....	Pennsylvania
MISS FRANCES ELEANOR MORROW.....	District of Columbia
MISS PAULINE OLIVE PARKER.....	West Virginia
MISS JEWELL ISABEL PARKIN.....	North Carolina
MISS EDITH HELEN TOWNEND.....	Massachusetts
MISS DOROTHY LAURA WOOD.....	North Carolina

GEORGE WASHINGTON UNIVERSITY SCHOOL OF PHARMACY

WILLIAM MATHER LEWIS, A.M., LL.D. *President of the University*
HENRY E. KALUSOWSKI, M.D., Phar.D.,
 Dean of the School of Pharmacy, Professor of Pharmacy

OFFICERS OF THE NATIONAL COLLEGE OF PHARMACY

WILLIAM MATHER LEWIS, A.M., LL.D. *President of the University*
HENRY E. KALUSOWSKI, M.D., Phar.D.,
 Dean and Chairman of the College
LEWIS FLEMER, Phar.D. *Vice-Chairman of the College*
CHARLES B. CAMPBELL, Phar.D., M.D. *Secretary of the College*
HERBERT C. EASTERDAY, Phar.D. *Treasurer of the College*

BOARD OF TRUSTEES

HENRY E. KALUSOWSKI	LEWIS FLEMER
SAMUEL L. HILTON	WILLARD S. RICHARDSON
WILLIAM T. KERFOOT, JR.	WYMOND H. BRADBURY
HENRY B. FLOYD	LYMAN F. KEBLER
CHARLES B. CAMPBELL	FRED B. CAMPBELL
HERBERT C. EASTERDAY	FRANK P. WELLER

MEMBERS OF THE COLLEGE

PHILIP AFFLECK	HENRY EVANS
WALTER ARMSTRONG	W. ASHTON EVANS
THOMAS H. ATKINSON	MARTIN S. FEALY
ALFRED BLUMBERG	LEWIS FLEMER
ROBERT F. BOGGAN	HENRY LEWIS FLEMER
W. EDWARD BOYD	GEORGE R. FLEMER
HOWARD M. BRADBURY	HENRY B. FLOYD
WYMOND H. BRADBURY	SAMUEL L. HILTON
LOUIS F. BRADLEY	R. CLIFFORD HINES
ALFRED T. BRONAUGH	FLORENCE V. HOSKINS
V. ALOIS BURGHER	HENRY E. KALUSOWSKI
HOMER K. BUTLER	WILLIAM S. JONES
CHARLES B. CAMPBELL	LYMAN F. KEBLER
FRED B. CAMPBELL	WILLIAM T. KERFOOT, JR.
JOSEPH D. COBLENTZ	WILLIAM H. MCCLURE
ALBERT N. CONNOR	D. J. MATTINGLY
FRANCIS M. CRISWELL	WILLIAM F. MATTINGLY
WILLIAM C. DOWNEY	REDMOND MAYO
ROGER W. DUFFEY	T. K. MELSON
PETER J. DUNCAN	ROBERT I. MYERS
HERBERT C. EASTERDAY	GUY M. NEELY

THOMAS E. OGRAM	MALCOLM G. GIBBS
NORMAN D. PARKER	CHARLES E. GROSS
PAUL PEARSON	ROBERT N. HARPER
MORRIS A. POZEN	FRANK C. HENRY
R. LUCIEN QUIGLEY	WILLIAM P. HERBST
CHARLES C. READ	FRANK B. TIPTON
EARLE K. RICHARDSON	F. A. TSCHIFFELY
FRANK R. RICHARDSON	ROBERT A. VEITCH
WILLARD S. RICHARDSON	S. M. WAGNER
FRANK ASHBY ROBEY	CHARLES S. WALTER
BERT H. SMYSER	CONRAD H. WEISS
SAMUEL T. STOTT	FRANK P. WELLER
AUGUSTUS C. TAYLOR	EDWARD W. WHITESIDE
LEOPOLD H. FOSTER	HARVEY W. WILEY (Honorary)
CHARLES J. FUHRMANN	

PHARMACEUTICAL COURSE

<i>Subject</i>	<i>Year</i>
Pharmacy	First, second, third, and fourth year
Chemistry	First, second, third, and fourth year
English	One year
French }	Elect one.....One year
German }	
Spanish }	
Zoology	One year
Psychology and Logic.....	One year
Physics	One year
Botany	One year
Physiology	One year
Materia Medica	One year
Pharmacology	One year
Pharmacognosy	One year
Bacteriology	One year
Clinical Microscopy.....	One year
Public Health and Hygiene.....	One year
Mercantile Pharmacy	One year

ACADEMIC YEAR

The *Academic Year* begins on Monday, September 27. It is divided into two half-years of four months each.

The term of study for the degree of Bachelor of Science in Pharmacy consists of four years of thirty-two weeks each, exclusive of vacations and holidays. The next session, the fifty-fifth, begins September 27, 1926, and ends June 8, 1927.

Students must register promptly at the beginning of the session, in order that their time of study shall count as a full year.

The minimum requirements for admission are fifteen units of secondary school work and two years of college work made up as follows:

SECONDARY SCHOOL UNITS

Credit may be granted for the subjects shown in the following list and for any other subjects counted by a standard accredited high school as a part of the requirements for its diploma, provided that at least eleven units must be offered in groups I-V:

<i>Subjects</i>	<i>Units* Required</i>	
Group I, English—		
Literature and composition.....	3-4	3
Group II, Foreign Languages—		
Latin	1-4	
Greek	1-3	
French or German.....	1-4	2†
Other foreign languages.....	1-4	
Group III, Mathematics—		
Elementary algebra	1	1
Advanced algebra	½-1	
Plane geometry	1	1
Solid geometry	½	
Trigonometry	½	
Group IV, History—		
Ancient history	½-1	1
Medieval and modern history.....	½-1	
English history	½-1	
American history	½-1	
Civil government	½-1	
Group V, Science—		
Botany	½-1	
Zoology	½-1	
Chemistry	1	
Physics	1	
Physiography	¼-1	

* A unit is the credit value of at least thirty-six weeks' work of four or five recitation periods per week, each period to be not less than 45 minutes. A point is a subject pursued through one-half the above time. Two points may be considered the equivalent of one unit.

† Both of the required units of foreign languages must be of the same language, but the two units may be presented in any one of the languages specified.

<i>Subjects</i>	<i>Units Required</i>
<i>Group V, Science—Continued.</i>	
Physiology	½-1
Astronomy	½
Geology	½-1
<i>Group VI, Miscellaneous—</i>	
Agriculture	1-2
Bookkeeping	½-1
Business law	½-1
Commercial geography	½-1
Domestic science	1-2
Drawing, freehand and mechanical.....	½-2
Economics and economic history.....	½-1
Manual training	1-2
Music: Appreciation and harmony.....	1-2

AIM OF THE COURSE

All work offered in the School of Pharmacy meets the highest requirements of pharmaceutical instruction. Its aim is to train pharmacists so as to enable them to intelligently and efficiently perform any work that may be required from a pharmacist with scientific training. The equipment, methods of instruction and courses are arranged to attain the object of its aim, and the close association of the College of Pharmacy with the George Washington University by which students in pharmacy share all the advantages and enjoy the spirit of a great educational establishment is in itself an incentive to prepare themselves to meet the requirements of the trend of pharmaceutical education.

Instruction is given during the day.

The degree of Bachelor of Science in Pharmacy will be conferred on students who have attended the required course of instruction and pass satisfactory examinations in the same.

CLASSIFICATION AND ADVANCEMENT OF STUDENTS

Students are divided into four classes, according to their proficiency and the time spent, viz: first year, second year, third year, and fourth year.

Proficiency in all subjects is marked on a scale of 100. The passing grade in each subject is 75.

Examinations are held at the end of the course in each subject. Students who fail to appear at a regular examination will not be examined until the next regular examination except by special per-

mission of the Advisory Committee of the Faculty. For special examinations a fee of \$5 will be charged for each subject.

To be *advanced*, a student must not fail in more than one major or two minor subjects. It is recommended that students advanced conditioned remove their conditions in the September examinations. Students advanced conditioned must remove all such conditions before they can be again advanced.

Students who fail in more than one major or two minor subjects, will not be given re-examinations in the September examinations except by special permission of the Advisory Committee of the Faculty.

Students who fail of graduation because of deficiency in but one major or two minors, if approved by the Advisory Committee of the Faculty, may be re-examined in the September examinations for graduation. Students who are allowed this privilege will be required to take such examinations as the Advisory Committee may direct.

Students who fail of advancement or graduation will be required to repeat a year, taking such subjects as may be directed by the Advisory Committee of the Faculty.

Students who fail of advancement after repeating any one of the first three years or who fail of graduation after repeating the final year, will not be permitted to maintain their connection with the school.

REQUIREMENTS FOR GRADUATION

Every candidate for the degree of Bachelor of Science in Pharmacy must be at least twenty-one years of age and of reputable character. He must have complied with the admission and other requirements herein set forth. He must have attended at least 80 per cent of all required instruction during four sessions of thirty-two weeks each in four separate years; must have satisfactorily completed all his courses and passed all his examinations. He must be present at the time specified for the final examinations, and also at Commencement. The degree is not conferred in the absence of a candidate except by special consent of the President's Council. Graduates of other accredited colleges who desire the degree of Bachelor of Science in Pharmacy must spend one year in residence at this school.

Candidates who in their work and examinations attain general averages of 90 or more will be presented to the Faculty for consideration with reference to being designated as "having graduated with distinction." If in the opinion of the Faculty such candidates have shown themselves to be possessed of more than ordinary merit, they will have inscribed upon their diplomas beneath their degree the words "with distinction."

MEMBER OF AMERICAN CONFERENCE OF PHARMACEUTICAL FACULTIES

The School of Pharmacy holds membership in the American Conference of Pharmaceutical Faculties. The object of the conference is to promote the interests of pharmaceutical education in all institutions holding membership in the same and to maintain standard requirements for entrance and graduation.

METHOD OF TEACHING

The method of teaching in use, namely, the laboratory method, is admittedly the best method of instruction. Besides lectures and recitations, the subjects themselves are studied, books being used as an aid and not as an end in themselves. The faculty is composed of men who are specialists in their respective lines and consequently are enabled to give the student the benefit of their experience.

RECITATION CLASSES

Recitation classes are held in connection with each course in order to provide systematic drill in the subjects under competent instructors. These classes have been found to be one of the most effective auxiliaries to study, as part of a well-planned system of reviewing the subjects taught. They are intended to give the student an additional opportunity for testing his progress throughout the year, and for fixing firmly in mind the facts acquired from the lectures and laboratory work. Students in Pharmacy have the advantage of instruction in all departments of the University: Arts and Sciences, the Medical School and the School of Pharmacy.

DESCRIPTION OF COURSES

PHARMACY

HENRY E. KALUSOWSKI, M.D., Phar.D.

Dean of the School of Pharmacy, Professor of Pharmacy

FRESHMAN YEAR

In the course in the theory and practice of pharmacy the aim is to teach the underlying principles and rationals of the operations of manufacturing pharmacy. The course is essentially one of pharmaceutical physics, in which the applications of general physical laws to pharmacy are pointed out, and the methods in general use are described. The various operations of manufacturing are described and illustrated by models, diagrams, apparatus, etc., and instruction is given in the reasons for the operations and for the methods employed.

A history of the leading Pharmacopœias of the world, and particularly of the U. S. Pharmacopœia, serves as an introduction to the synthetic study of the latter, in which are considered its legal status, character, purpose, and contents.

The following outline shows the general character of the course:

A consideration of weights and measures, the various systems in use and their relations to each other, the construction, choice, and care of a balance, instruments of measure, and methods of testing and verifying them, specific gravity and its use, and specific volume.

Heat, its nature, source, and properties, methods of regulating and controlling it for various purposes; the construction and use of steam apparatus, baths, etc.; the various forms of thermometers, and their care and relationships to each other.

Evaporation and distillation, with full method and demonstration of the various methods of conducting these operations and the choice of apparatus therefor.

Drug grinding and milling, the selection and use of mortars, and sundry methods of powdering and sifting the different kinds of drugs and chemicals.

Solutions, its laws and phenomena accompanying the methods of making and adjusting solutions, and the influence of solution in compounding and manufacturing.

Crystallization, the properties of crystalline substances, their storage, changeableness, and methods of restoration.

Filtration and the methods of clarifying or decolorizing liquids, the use of funnels and filtering agents, the separation of sediments and immisable liquids, and the various apparatuses for filtration.

Maceration and its applications, and economical methods of conducting it.

Percolation, its history, development and applications, various forms of percolators and their choice, repercolation, and fractional percolation.

The student is brought in contact with a wide range of manipulations, such as the making of medicated waters, syrups, solution, tinctures, extracts, fluid extracts, infusions, and decoctions, and the handling of weights and measures.

SOPHOMORE YEAR

The sophomore course is designed to fit the student for quick and accurate judgment regarding incompatibilities and working out pharmaceutical formulas. The pharmacopœia is studied in detail, the drugs, chemicals and preparations being grouped according to characteristics, non-official bodies of like nature being included. Attention is paid to commercial qualities, solubilities, preparation, preservation, storage, and uses of each article.

The laboratory work gives practice on the more difficult operations of manufacturing pharmacy.

Sterilization of solutions, filling and sealing of ampules and the manufacture of compressed tablets are also included in the course.

A great part of the time in the laboratory is devoted to the compounding of typical prescriptions, of which a large number are used for illustrating the methods of overcoming incompatibilities and of making the most presentable and effective compounds. The work has been arranged to meet the wants of young students without store experience, and also for those who have been so situated that the experience has been limited.

JUNIOR YEAR

This course consists of lectures and recitations on the theory of organic chemistry and its pharmaceutical applications, and laboratory work on the qualitative analysis of organic substances, including the examination of official compounds and preparations for identity and purity, the assay of volatile oils, the separation and identification of the important alkaloids, and a variety of other exercises.

SENIOR YEAR

This course consisting of didactic lecture and analytic methods for saponification values, iodine numbers, melting points, congealing points, quantitative assaying of drugs for alkaloids, assaying volatile oils.

The assays made in this course are on the more important drugs and preparation.

The course not only gives direct and varied training in quantitative analysis of pharmaceutical preparations, but also, by its requirement

of close attention to details and by its practice on the manipulation of the delicate apparatus, it induces correct habit of work, which are invaluable in manufacturing and dispensing pharmacy.

PHARMACOGNOSY

ROBERT F. GRIGGS, Ph.D

Professor of Botany

The preliminary work of this course will consist of a brief review of the cellular elements and cell structure in the parts of the plants used as drugs or foods. In this manner the work in vegetable histology of the first year is coordinated to the more detailed study of microscopical pharmacognosy.

Drugs and powders prepared from them representing different parts of the plants will be used as material for study.

The number of specimens studied is necessarily limited by the amount of time which can be given to the work, but the subject matter of the course is so arranged that the representative rather than extraordinary types are considered. The student is expected to construct keys in the identification of powdered materials examined, and to keep a record of his observations by drawings made from his specimens.

The first few lectures are necessarily limited to the consideration of the general principles of the science after which the pathogenic micro-organisms are discussed in a systematic sequence, with the theories of immunity treated of in appropriate places.

In the laboratory portion of the course which occupies about three-quarters of the total time devoted to the subject the students first prepare all the standard culture media and learn the general principles of bacteriologic technic from the study of about a dozen typical, widely different non-pathogenic organisms. Subsequently thirty-five to forty pathogenic bacteria are carefully examined by microscopic, cultural and serologic methods. The students prepare as far as practicable such special media as are needed for this latter work. In addition to this systematic examination of characteristic organisms the students test the efficiency of the commonly employed germicides, prepare the vaccine, and in groups prepare agglutinating hemolytic and other immune serums and use these as commonly employed in diagnosis. In connection with the preparation of culture media the principles of sterilization are covered. In the microscopic examination of bacteria the students are trained in the use of the high powers of the microscope, in the use of the dark ground illumination, and are taught to make microscopic measurements.

The following subjects are offered by the Department of Arts and Sciences:

ARTS AND SCIENCES COURSES

Foreign Languages: Instruction is offered in the following modern languages: French, Spanish and German.

English: English Rhetoric. A study of the principles of self-expression through language with practice in composition.

Physics: General Physics. A recitation and lecture course, embracing the fundamental principles of mechanics, sound, heat, light, and electricity. The lectures are illustrated by experimental demonstrations.

Laboratory Physics: Laboratory methods, and experimental study of physical laws and apparatus, and of the use of the simpler instruments of precision measurements.

Botany: This course aims to present in an orderly fashion such a knowledge of the vegetable kingdom as everyone needs to enable him to understand plants, their mode of life and the uses to which they are put. A study of the living plant as a working mechanism is followed by a brief survey of the different kinds of plants and practice in naming the common plants. The bearing of Botany on materia medica is made prominent by introducing lists of official flowers, seeds, etc., in their appropriate places, and by directing particular attention to such points of plant structure and function as are necessary for a proper understanding of drugs.

Commercial Law: A study of the principles of the law relating to commercial transactions, especially contracts, sales, bailments, agency, partnership, negotiable instruments, and common carriers, with some study of admiralty law.

Zoology: A lecture and laboratory course covering the invertebrates, and vertebrates, cell and cell theory, unicellular organisms, cell multiplication, multicellular animals, the difference between animals and plants, mechanics of the living machine, theory of evolution, etc., classification and distribution.

Psychology: 1. General Psychology: An introductory study of general psychology carried on by means of text-book assignments, classroom discussions, lectures, and demonstrations.

2. Logic: A study of the thinking process, the principles of deductive and inductive inference, and the nature, structure and organization of knowledge.

General Chemistry. Pre-requisite none. Lectures, Tues. and Thurs. at 5:10 P. M. Recitation, Fri. at 11:50 A. M. or Sat. at 5:10 P. M. Laboratory Tues. and Thurs. at 2 P. M. or at 7:30 P. M. Ten semester-hour credits. Or

General Chemistry. Pre-requisite, High School Chemistry, or Chemistry 1. Lectures Tues. and Thurs. at 11:50 A. M. or at 6:05 P. M.;

Laboratory, Tues. and Thurs. at 2 P. M. or at 7:30 P. M. Eight semester-hour credits.

Physical Chemistry and Qualitative Analysis. Pre-requisite Chemistry 3 or 4. Lectures, Mon., Wed. and Fri. at 5:10 P. M. Laboratory, Tues. and Thurs. at 2 P. M. or at 7:30 P. M. Ten semester-hour credits.

Organic Chemistry. Pre-requisite Chemistry 3 or 4. Lectures, Tues. and Thurs. at 9:05 A. M. or at 5:10 P. M. Laboratory, Tues. and Thurs. at 2 P. M. or at 7:30 P. M. Eight semester-hour credits.

The following courses are given in the Medical School:

HYGIENE

The course in hygiene covers the basic principles and their practical application. Consideration is given also to domestic and municipal sanitation and to the principles underlying legislative control of public health.

PHYSIOLOGY

The course in physiology is given in the physiological department in the Medical School and consists of lectures, quizzes and demonstrations of physiological principles on living animals. A written and oral examination is held at the end of each term. The principles of special importance to the pharmacist are emphasized. The course embraces the following subjects: Circulation, respiration, digestion, absorption, metabolism, animal heat, muscle, nerve, central nervous system, senses, reproduction.

MATERIA MEDICA

In these lectures the official names, synonyms, origin, history, habitat, constituents, actions, uses and doses of drugs, and official preparations, and the medical actions of these will be noted, so far as is necessary for an intelligent conception of these subjects. Incidentally much valuable information will be given upon the subject of geographical materia medica. Special attention will be devoted to the toxicological symptoms and antidotal treatment of the actively poisonous drugs.

PHARMACOLOGY

The work in this course occupies nine hours a week during the first trimester. The chemical and physical characteristics of the more important drugs are studied and then pharmacopœial preparations of the different pharmaceutical classes are considered. The study of the physical and chemical incompatibilities is carried on in close asso-

ciation with the above work. The course comprises lectures, laboratory work, conferences and written reviews, which follows the work, and continues through the remainder of the year.

CLINICAL MICROSCOPY

In the course in clinical microscopy the student is trained in the counting of the red and white blood cells, in the various methods of hemoglobin estimation, in different leucocyte counting, in the study of malarial parasites, and such other parasites of the blood as opportunity affords, in the estimation of the coagulation time of the blood, etc., in the microscopic study of the sediments in normal and pathologic urines, in the microscopic examination of stomach contents, of the feces, including a detailed study of animal parasites and their eggs, in the microscopic examination of sputum, of spinal fluids, pleural exudates, etc., as material and opportunities afford. The significance and value of these findings as applied to pathology and diagnosis are considered.

BACTERIOLOGY

The didactic portion of the course in Bacteriology consists of a series of about thirty formal lectures in which the entire field of bacteriology, including immunology in its application to human medicine and welfare, is considered. The first few lectures are necessarily limited to the consideration of the general principles of the science after which the pathogenic microorganisms are discussed in a systematic sequence, with the theories of immunity treated of in appropriate places.

In the laboratory portion of the course which occupies about three-quarters of the total time devoted to the subject the students first prepare all the standard culture media and learn the general principles of bacteriologic technic from the study of about a dozen typical, widely different non-pathogenic organisms. Subsequently thirty-five to forty pathogenic bacteria are carefully examined by microscopic, cultural and serologic methods. The students prepare as far as practicable such special media as are needed for this latter work. In addition to this systematic examination of characteristic organisms the students test the efficiency of the commonly employed germicides, prepare the vaccine, and in groups prepare agglutinating hemolytic and other immune serums and use these as commonly employed in diagnosis. In connection with the preparation of culture media the principles of sterilization are covered. In the microscopic examination of bacteria the students are trained in the use of the high powers of the microscope, in the use of the dark ground illumination, and are taught to make microscopic measurements.

TEXTBOOKS

The following textbooks are used in the course in Pharmacy: U. S. Pharmacopœia; Practice of Pharmacy, Remington; Treatise on Pharmacy, Caspari.

STUDENT ACTIVITIES

Student activities in the University are carried on under the direction of a Faculty Committee, acting under resolutions adopted by the Board of Trustees. Student Activities, including athletics, debating, and the various student publications, are supported by a fee paid by all students in the University. This fee not only admits the subscriber to athletic contests and entitles him to copies of the publications, but also provides for free medical attention and hospital service under certain conditions. This fee is payable like other University fees, at the office of the Treasurer of the University.

FEES AND CONTINGENT EXPENSES

Registration fee, payable on entrance.....	\$5
Registration fee, each subsequent year.....	2
Reinstatement fee.....	2
Tuition, each year.....	210
Graduation fee.....	11
Student activities fee.....	8
Material fee and breakage for Chemistry.....	10
Material fee for Physics.....	10
Materials and Microscope for Zoology.....	10
Materials and breakage for Pharmacy.....	10

This includes all laboratory fees and charges for material used in Chemistry and practical Pharmacy. Students will, however, be required to pay all charges for injury to microscopes, apparatus, and other college property.

All breakage and loss not directly traceable to the individual student is assessed pro rata; any unforfeited balance will be returned to the student at the expiration of the course.

Persons not candidates for the degree of Bachelor of Science in Pharmacy who take courses in Bacteriology or Clinical Microscopy will be charged a fee of \$6 for the use of the microscope in each of these courses. Should such a student take more than one of the courses mentioned, in any one school year, he will be charged a single fee of \$6 for microscope rental.

Students who elect to take the regular four-year course in five years will be required to pay the full tuition for the first four years and will receive the fifth year without additional charge.

Persons are allowed to register as auditors for the tuition fees without being required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance.

The tuition fee stated above applies to students entering the School of Pharmacy in 1925-26. Students in residence during the session of 1924-25 will be charged tuition fees in accordance with statements in the catalogue of 1924-25.

No registration will be accepted for less than a full half-year, and no change in the courses undertaken at the time of registration will be made unless approved by the Dean. Registration in the Pharmacy School is for a period not to exceed one year at a time and acceptance by the School of a student's registration fee does not in any way obligate the School to accept that student for any subsequent year.

Registration, other fees and deposits are due in full advance. Tuition may be paid in eight monthly installments in advance. Students who are unable to pay their fees monthly in advance will be required to file an acceptable personal or corporate bond of \$200 as security for future payment. In every instance all indebtedness must be discharged on or before May 1 of the current school year. All fees are payable at the office of the Treasurer.

For regulations concerning fees, see pages 39-40 in the General Catalogue.

WITHDRAWALS

Withdrawals will be granted only on recommendation of the Dean and the approval of the President.

A certificate of work actually done will be given to any student granted a withdrawal or a transfer to another school during the session. A written request for withdrawal or transfer must be filed with the Dean and no permission to withdraw or transfer, and no certificate of work done will be given a student unless all fees and dues chargeable against him up to the end of the month in which he withdraws have been paid.

BOARD AND ROOMS

A register of boarding houses is kept by the Treasurer. Accommodations cost from \$30 to \$50 a month.

For catalogues, application blanks, and further information, address
THE DEAN,

School of Pharmacy,

George Washington University,

808 Eye Street N.W., Washington, D. C.

LAW SCHOOL

FACULTY

WILLIAM MATHER LEWIS, A.M., LL.D.	<i>President of the University</i>
WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D.	<i>Dean and Professor of Law</i>
WALTER COLLINS CLEPHANE, LL.M.	<i>Professor of Law</i>
EDWIN CHARLES BRANDENBURG, LL.M.	<i>Professor of Law</i>
JOHN PAUL EARNEST, A.M., LL.M.	<i>Professor of Law</i>
WENDELL PHILLIPS STAFFORD, A.M., LL.D., Litt.D.	<i>Professor of Law</i>
JOHN WILMER LATIMER, LL.B.	<i>Professor of Law</i>
CHARLES SAGER COLLIER, A.B., LL.B.	<i>Professor of Law</i>
HECTOR GALLOWAY SPAULDING, A.B., LL.B., S.J.D.	<i>Professor of Law</i>
HENRY WHITE EDGERTON, A.B., LL.B.	<i>Professor of Law</i>
CLARENCE MILTON UPDEGRAFF, A.B., LL.B., S.J.D.	<i>Professor of Law</i>
ALVIN ELEAZAR EVANS, Ph.D., J.D.	<i>Professor of Law</i>
EARL CASPER ARNOLD, A.B., LL.B.	<i>Professor of Law</i>
WALTER LEWIS MOLL, A.B., LL.B., S.J.D.	<i>Professor of Law</i>
LOYD HALL SUTTON, S.B., LL.B.	<i>Associate Professor of Law</i>
BASIL HUBBARD POLLITT, A.B., LL.B.	<i>Associate Professor of Law</i>
LEVI RUSSELL ALDEN, A.M., LL.B.	<i>Lecturer in Law</i>
GILBERT LEWIS HALL, A.B., LL.B.	<i>Lecturer in Law</i>
EDWARD AVERY HARRIMAN, A.B., LL.B.	<i>Lecturer in Law</i>
CLARENCE A. MILLER, LL.M.	<i>Lecturer in Law</i>
WILLIAM WARFIELD ROSS, LL.B.	<i>Lecturer in Law</i>
FRED C. O'CONNELL, LL.M.	<i>Clerk of the Moot Court</i>
HELEN NEWMAN, LL.B.	<i>Secretary</i>

MOOT COURT OF APPEALS

STANTON JUDKINS PEELE, LL.B.	<i>Chief Justice</i>
JAMES FRANCIS SMITH, A.M.	<i>Associate Justice</i>
BRAINARD WARNER PARKER, LL.B.	<i>Associate Justice</i>

LIBRARY

RAY VAN COTT, JR.	<i>Assistant Librarian</i>
AQUILLA NEBEKER	<i>Assistant Librarian</i>

GENERAL STATEMENT

History.—The Law School, established in 1865, is the oldest in the District of Columbia. Its course of instruction for the degree of Bachelor of Laws, originally requiring two years, was increased in 1898 to three years. A year of graduate work was added in 1877 leading to the degree of Master of Laws. The curriculum was later increased by a course of study leading to the degree of Master of Patent Law. In 1911 the School became co-educational. In 1923, in compliance with the requirements of the American Bar Association and of the Association of American Law Schools, the late afternoon course for employed students was increased to four years. On September 1, 1925, the entrance requirement was increased to two years of college work.

Member of the Association of American Law Schools.—The Law School is a member of the Association of American Law Schools, an association of sixty-two law schools, including the leading schools of the country, such as Harvard, Yale, Columbia, Pennsylvania, Michigan and Chicago. Members must maintain prescribed standards of entrance requirements, faculty, library, and course of study. Usually member schools give a maximum of credit to one another's work. This becomes important if students find it necessary to leave Washington and finish their course elsewhere.

Class A, American Bar Association.—The American Bar Association has, through its Council on Legal Education, undertaken the classification of law schools. It has given the George Washington University Law School the highest classification, Class A. To be given this classification, a school must comply with certain standards as to its entrance requirements, faculty, library and curriculum.

Scope of the Course.—The Law School is not a local school. Among last year's student body were representatives of 47 states and the District of Columbia. The school gives a general course planned to prepare its graduates for the practice of law in any English-speaking country.

Case Method of Instruction.—For twenty years the Law School has used the case method of instruction. The students' principal work consists of the reading, study, and analysis of the reports of decided cases. These cases are stated in class and are then discussed under the guidance of the instructor who questions the students, explains the various phases of the decision and often the arguments pro and con, and answers questions asked and arguments advanced by members of the class. Other analogous or related cases are considered.

This inductive case system is the antithesis of the lecture and illustrative case method which is often mistaken for it. It is now

used in over 95% of the schools in the Association of American Law Schools.

This method provides training in legal analysis and legal reasoning and at the same time gives a thorough grasp of fundamental legal principles. The student becomes familiar with principles of law, not as abstract generalizations or definitions, but in concrete applications to actual cases. He deals with actual legal problems and their solution by the ablest judges of England and America. He thus begins under the instructor's guidance work of a kind which he must do when he enters practice. Constant wrestling with concrete questions under the Socratic method of instruction results in mental acuteness and accuracy. The student acquires a "legal mind"—the power to analyze legal problems and to apply to the results of his analysis the correct legal principles.

The Faculty.—The major part of the course is made up of subjects dealing with the fundamental theories of substantive law as distinct from practice. Most of these subjects are taught by professors who devote their entire time to the work of the Law School. They have offices in the law building and students have abundant opportunity to consult with them. The practice courses are taught by professors who are at the same time engaged in active practice. This combination of full-time and part-time faculty has several advantages. It gives the school the advantage of the full energy and uninterrupted working time of legal scholars trained for teaching and research, and gives the students opportunity for personal contact and conference. At the same time the school is brought into contact with the bar and with the actual administration of justice.

The Student Body.—Maturity, earnestness of purpose, and good preliminary training characterize the student body. Of the entire registration of candidates for degrees this year, 1925-26, forty-one per cent are college graduates. All applicants for regular standing are required to have completed at least two years of college work. Many of these mature, well-trained men and women are paying their own way. They make the most of their time in the class-room and out. The presence of such students gives to the classes a morale which is equalled in few law schools.

The University.—The Law School is a department of the George Washington University, founded in 1821. The University has an annual registration of nearly six thousand students. It includes the Department of Arts and Sciences, in which training in liberal arts, teaching, and engineering, is given, the Medical School and the College of Pharmacy.

Entrance Requirements.—For admission to regular standing the Law School requires two years of college work. This is the require-

ment of the American Bar Association, the National Conference of Bar Associations, and the Association of American Law Schools.

At a meeting held in 1922, the National Conference of Bar Associations, consisting of delegates from state and local bar associations from all parts of the country, in approving two years of college work as a minimum of preliminary education for the study of law and for admission to the bar, passed the following resolution:

"The great complexity of modern legal regulations requires for the proper performance of legal services, lawyers of broad general education and thorough legal training. The legal education which was fairly adequate under simpler economic conditions is inadequate today. It is the duty of the legal profession to strive to create and maintain standards of legal education and rules of admission to the Bar which will protect the public both from incompetent legal advisers and from those who would disregard the obligations of professional service."

The training in a modern law school of the best type is so severe and the legal problems so difficult that few students can do justice to the work without this minimum of preliminary general education. The demands upon the lawyers of today are so great and the competition is so keen that adequate general education before the study of law is as essential as technical professional training.

Classes for Full-Time Students.—A complete course in the forenoon is given for full-time students. The Association of American Law Schools and the American Bar Association have fixed as the standard law course three years substantially entirely devoted to the study of law. While the school furnishes classes for employed students, and subject to proper standards and restrictions is committed to the policy of continuing such classes, it realizes the value of the student's devoting at least three years entirely to the study of law. Not only are such students freed from the distractions and fatigue of employment, but they also can take advantage to the utmost of the fact that they are living in the capital city. Full-time students are permitted to take the maximum number of hours per week and to complete the course in a minimum period of three academic years. The number of full-time students is steadily increasing.

Classes for Employed Students.—Washington affords unique advantages for self-supporting students. To accommodate such students the Law School provides a complete curriculum in the late afternoon from 5:10 to 6:55, with some optional morning classes from 7:50 to 8:40. Many of these students have positions in the Government service, or in private offices. The hours of government employment are, as a rule, from 9 to 4:30. The same hours are followed in many private offices. The location of the school makes it possible for

students to come direct to their classes from their employment. Thus the time between the close of the office day and the evening meal is utilized, a substantial economy. Moreover the student's evenings are free for uninterrupted study. Students employed in law offices or in legal bureaus of the government departments find their employment valuable in giving them practical experience to supplement the work of the classroom.

Justice to these employed students requires that they be given legal training of the most improved type and that they be held to the standards of scholarship necessary to fit them adequately for the practice of law. The fact that they are self-supporting does not justify their being given less. Accordingly, such students are restricted to not more than ten hours per week of class work and are required to spend four years in residence instead of the three years required of students devoting their entire time to the study of law. This requirement also is in accordance with the rules of the American Bar Association and the Association of American Law Schools.

ADVANTAGES OF WASHINGTON FOR LAW STUDENTS

Washington has unique advantages for the student of law. The United States Supreme Court, Court of Claims, and Court of Customs Appeals, and the Court of Appeals, Supreme Court, and Municipal Court of the District of Columbia, represent every phase of the judicial department of the government. In the sessions of Congress may be seen the workings of the national legislative machinery. The federal executive departments furnish examples of every kind of administrative activity. The Federal Trade Commission, Interstate Commerce Commission, Internal Revenue Bureau, and Patent Office, are of special interest to prospective lawyers.

The library facilities are unexcelled. The Library of Congress has over three million books and pamphlets including a law library of over one hundred and fifty thousand volumes. The reading room of this library is open to students.

Stockton Hall, the new law school building, is in the heart of the city. Within a few minutes' walk are the White House, Treasury Department, Department of Commerce, Department of Labor, Civil Service Commission, and the Court of Claims. A little longer walk to the east are the Washington Public Library, the United States Patent Office, and the buildings of the District of Columbia Supreme Court and Court of Appeals. The Capitol and Library of Congress can be reached by a short ride on either of two car lines. Two of Washington's beautiful parks, the Mall, and Potomac Park, the latter with public golf courses, tennis courts, and baseball and football fields are within a few minutes' walk of Stockton Hall.

In cultural advantages Washington is unexcelled. No other city furnishes to the student so many opportunities outside the classroom for acquisition of knowledge, broadening of vision, and gain in culture.

THE LAW BUILDING

Since September 1, 1925, the Law School has occupied a new building specially designed and constructed for its use. It has been named Stockton Hall in honor of the late Rear Admiral Charles H. Stockton, president of the University from 1910 to 1918. It is the second unit of the future University quadrangle.

This new building is on Twentieth Street between G and H Streets and within easy walking distance of most of the Government offices and places of interest with which Washington is crowded. It contains ten classrooms with a total maximum capacity of nearly 1,300 students, a library with accommodation for over 40,000 volumes, ten offices for professors, and rest rooms for men and women students.

LIBRARY

The Law School library, comprising approximately 11,000 volumes, is open daily from 9 a. m. to 11 p. m. and from 2 to 6 p. m. on Sundays. It contains the decisions of the highest courts of all the States and the District of Columbia, the reports of the United States Supreme Court and other federal courts, the English Reprints, English Law Reports, the United States Statutes, the Statutes of certain States, the English Statutes, the principal English and American digests, legal encyclopedias and collections of annotated cases, and the leading text books and legal periodicals.

Students have access to the Congressional Library, including a law library of one hundred and fifty thousand volumes, and other public libraries.

ACADEMIC YEAR AND REGISTRATION

The academic year 1926-27 begins Monday, September 27, and closes Wednesday, June 8. The year is divided into two semesters, the second beginning January 31. The course is so arranged that a student may enter at the beginning of the second semester and be graduated three years from that time, receiving his degree at the Winter Convocation held on or about February 22 of each year.

Students are urged to register at the beginning of the semester. Those who register later than three weeks after the opening of the semester will be restricted to registration for such work as in the opinion of the Dean they can successfully carry.

ADMISSION

Men and women are admitted to the Law School on the same terms.

I. *For the Degree of Bachelor of Laws.*—Candidates for this degree must have completed prior to registration two years of college work, that is, sixty semester hours. They may, however, be admitted subject to conditions in not to exceed six semester hours which conditions must be removed by the beginning of the candidate's second year. The entrance requirements for this degree must be met by the presentation of certificates from approved colleges showing the successful completion of the necessary credits. These certificates should be mailed directly to the Secretary of the Law School from the colleges where the work was completed. The entrance requirements may also be satisfied by the presentation of a diploma showing graduation from an approved college.

Whenever it is possible, certificates should be in the hands of the Secretary of the Law School before September 15 so that the applicant may be advised as to his eligibility.

Students who are unable to have their certificate evaluated before they register may be admitted to a tentative registration. Students

thus admitted who do not have their credentials submitted and approved within *ninety* days after the opening of the semester will be dropped from the rolls. In such cases there will be no refund of registration fee, university fee or tuition fees.

The college work required for admission may be completed in the Department of Arts and Sciences of George Washington University. Classes in pre-legal subjects are given in this department in the forenoon and early afternoon for full-time students, and also in the late afternoon at hours convenient for employed students. Pre-legal work may also be taken in the summer session of this department. Applicants should communicate with the Registrar of the Department of Arts and Sciences, 2033 G Street Northwest, or with the Secretary of the Law School.

The following pre-legal course is suggested:

	<i>Semester</i>
Freshman Year	<i>Hours</i>
English 1 or 2.....	6
Mathematics or Natural Science.....	6
History	6
Political Science 1 and 3 or 2 and 4.....	6
Modern Language	6
	—
	30
Sophomore Year	
English History	6
Economics 1 or 2.....	6
Logic and Ethics.....	6
Modern Language	6
	—
	30

II. *For the Degree of Master of Laws or Master of Patent Law.*—Candidates for these degrees must be at least twenty-one years of age and hold the degree of Bachelor of Laws from an institution substantially complying with the requirements of the Association of American Law Schools.

III. *As Special Students.*—Persons who cannot qualify as candidates for a degree but are over twenty-five years of age and have had such educational training and practical experience as should enable them to pursue satisfactorily the study of law, may be admitted as special students by consent of the Dean.

The number of such special students admitted each year may not exceed 10 per cent of the average number of students entering the school for the first time during the two years preceding.

IV. *As Unclassified Students.*—Persons who are eligible to be admitted to regular standing but who do not wish to register for a degree may, in the discretion of the Dean, be permitted to register for special courses as unclassified students.

V. *With Advanced Standing.*—Students from other law schools which substantially comply with the requirements of the Association of American Law Schools may receive not exceeding two years' credit toward the degree of Bachelor of Laws for work done in such schools. Such students must have been qualified to enter this school when they began the study of law. The right is reserved to refuse such credit, in whole or part, or to allow it conditionally or after examination, and credit given may be withdrawn for subsequent poor work.

No credit will be given for law studies pursued in a college or high school before entering on the regular study of law, or for law studies pursued in a law office or through a correspondence course.

HOURS OF INSTRUCTION

The hours of instruction are 7:50-8:40 a. m., 9 a. m.-12 and 5:10-6:55 p. m. A complete course for the LL.B. degree is given in the classes from 9 a. m. to 12. These classes are primarily for students devoting substantially their entire working time to the study of law. Students in these forenoon classes may complete the course for the LL.B. degree in three years. Employed students may complete the full course for the degree by attending the late afternoon classes from 5:10 to 6:55 p. m., or by attending partly from 7:50-8:40 a. m. and partly from 5:10-6:55 p. m. The period of attendance for such students is four years. Subjects offered from 7:50-8:40 a. m. are elective courses open to second and third year students.

A student who takes a majority of his courses in the forenoon section may take work not exceeding fifteen hours a week. A student who takes a majority of his courses in the afternoon section, or in classes held before 9 a. m., is not permitted to register for more than ten hours of work.

DEGREES

1. *Bachelor of Laws.*—The requirements for the degree of Bachelor of Laws are attendance for three academic years in the case of full-time students and for four academic years in the case of part-time students, and the passing of examinations with an average grade of at least "C" in required and elective subjects aggregating eighty semester hours. A semester hour is an hour a week of class work for one semester. Not more than sixteen semester hours with a grade of "D," conditional pass, may be counted toward this degree. This sixteen-hour rule, however, does not apply to students who entered the Law School before January 1, 1925.

The degree of Bachelor of Laws with distinction will be awarded students who attain an average grade of "A" in all subjects counted toward that degree.

2. *Master of Laws.*—The requirement for the degree of Master of Laws is the completion of at least twenty semester hours in subjects not counted toward the degree of Bachelor of Laws, with a grade of at least "C" in each subject, and an average grade of at least "B" in all subjects. This degree will not be conferred until one academic year after the receipt of the Bachelor's degree.

Trusts, Conflict of Laws and Constitutional Law must be included in the course for the degree of Master of Laws if not taken in the course for the degree of Bachelor of Laws. In the case of students registering for this degree after June 1, 1925, Roman Law will also be required.

3. *Master of Patent Law.*—Students who have qualified for the degree of Master of Laws may elect instead the degree of Master of Patent Law, provided they have included in their course the Patent Law subjects and Federal Procedure. This degree will not be conferred until one academic year after receipt of the degree of Bachelor of Laws.

Candidates for degrees who have been absent from school for two successive years may reenter and continue the course only on such terms as the faculty may prescribe at the time of reentering.

The right is reserved to refuse to confer a degree upon a candidate whose attendance or conduct have been unsatisfactory to the faculty.

COMBINED SIX-YEAR COURSE FOR THE DEGREES OF BACHELOR OF ARTS AND BACHELOR OF LAWS

The University permits one year of professional work in the Law School to be counted toward an academic degree. The degree of Bachelor of Arts will be conferred upon the completion of three years of college work (ninety semester hours, eighteen semester hours of which must be completed in the Department of Arts and Sciences of George Washington University, including one of the six groups of subjects there prescribed), and twenty-eight semester hours in the Law School; the degree of Bachelor of Laws upon the completion of the remainder of the work for that degree.

ATTENDANCE, EXAMINATIONS, GRADES, AND REQUIRE- MENTS FOR REMAINING IN THE SCHOOL

Attendance.—No student, except by special permission of the Dean, will be allowed credit in any subject unless he has been regularly registered and in regular attendance and has done all the work required in the course in that subject.

Examinations.—Written examinations are held at the close of the first semester in subjects which are then completed and at the close of the second semester in all other subjects. All students are required to take the regular examinations in the subjects pursued, unless excused by the Dean. A student who, with the consent of the Dean, does not take the final examination in a subject with the class in which he is enrolled, may take the next regular examination given in the subject.

A student who receives a conditional or passing grade in any subject will not be permitted to take any subsequent examination in that subject without repeating the subject. A student who receives a grade of E in a single subject only, if he has a general average of C for the year, may take the next regular examination in that subject and if, on such reexamination, he attains the grade of C, he will be credited with a grade of D (60) in the subject.

No special examinations will be given; provided, that upon written application to the Scholarship Committee, showing sufficient cause, a candidate for a degree at a convocation before the next regular examination, if he would be entitled to take that examination, may, in the discretion of the committee, be given a special examination not less than sixty days after the one which he failed to take or to pass.

Grades.—At all examinations the grades of students are indicated as follows: A—excellent, 85-100; B—good, 75-84; C—pass, 65-74; D—conditional pass, 55-64; E—failure, below 55.

At the end of each academic year each student receives a percentage grade showing his general average for the year.

Not more than sixteen semester hours with a grade of D may be counted toward the degree of Bachelor of Laws. This rule will not apply to students who entered the school prior to January 1, 1925.

An average of C in eighty hours of work will be required of all candidates for the degree of Bachelor of Laws.

Requirements for Remaining in the School.—Unless a student in each academic year receives a grade above E in at least three-fourths of the semester hours in which he is registered (unless he is excused by the Dean from taking an examination), he will be denied registration in the future; provided that upon written application to the Scholarship Committee, showing sufficient cause, a student may be reinstated on such conditions as the committee may impose.

The Scholarship Committee has the power to warn, place on probation, or to drop students whose work or attendance is deemed unsatisfactory or to refuse registration to such students.

RESERVATION OF RIGHT TO CHANGE RULES

The right is reserved to drop any student from the Law School whenever, in the interest of the student or the school, the faculty deem it advisable to do so, or to modify or change the requirements, rules and fees of the school.

SUBJECTS OF INSTRUCTION

The subjects marked with an asterisk are prescribed for the degree of Bachelor of Laws. These are as follows: Bills and Notes, Common Law Actions, Common Law Pleading and Practice, Constitutional Law, Contracts, Corporations, Criminal Law and Procedure, Equity II, Equity Pleading and Practice, Evidence, Moot Court, Personal Property, Real Property I, Real Property II, and Torts. Criminal Law and Procedure is not required of students who entered the school before June 1, 1925. Constitutional Law is not required of students who entered before June 1, 1924.

The student may elect the remainder of his subjects. Third-year students may elect subjects of the second year not previously studied.

The following is a list of subjects offered during 1925-26, and is not an announcement of courses for 1926-1927, although few changes are anticipated. Text books and instructors may be changed in some instances.

FIRST-YEAR SUBJECTS

AGENCY. *Two hours a week throughout the year.* Keedy's Cases on Agency. Mr. POLLITT.

***COMMON LAW ACTIONS.** *One hour a week for one semester.* Sunderland's Cases on Common Law Pleading. Mr. POLLITT.

***CONTRACTS.** *Three hours a week first semester, four hours a week the second semester.* Williston's Cases on Contracts. Mr. MOLL, Mr. SPAULDING, and Mr. POLLITT.

***CRIMINAL LAW AND PROCEDURE.** *Three hours a week for one semester.* Mikell's Cases on Criminal Law and Procedure. Mr. EARNEST.

DOMESTIC RELATIONS. *Two hours a week for one semester.* Woodruff's Cases on Domestic Relations. Mr. EVANS.

***PERSONAL PROPERTY.** *Three hours a week for one semester.* Warren's Cases on Property. Mr. UPDEGRAFF and Mr. ARNOLD.

PRINCIPLES OF LEGAL LIABILITY. *Two hours a week for one semester.* Beale's Cases on Legal Liability. Mr. SPAULDING.

***REAL PROPERTY I.** *Three hours a week for one semester.* Warren's Cases on Real Property. Not given in 1925-1926.

***TORTS.** *Three hours a week throughout the year.* Pound's Cases on Torts. Mr. COLLIER and Mr. EDGERTON.

SECOND-YEAR SUBJECTS

AGENCY. *Two hours a week throughout the year.* Keedy's Cases on Agency. Mr. POLLITT.

*COMMON LAW PLEADING AND PRACTICE. *Two hours a week for one semester.* Shipman on Pleading. Mr. CLEPHANE and Mr. ROSS.

DAMAGES. *Two hours a week for one semester.* Beale's Cases on Damages. Not given in 1925-1926.

DOMESTIC RELATIONS. *Two hours a week for one semester.* Woodruff's Cases on Domestic Relations. Mr. EVANS.

*EQUITY II. *Two hours a week throughout the year.* Ames' Cases on Equity Jurisdiction, Volume 1. Mr. SPAULDING and Mr. MOLL.

*EQUITY PLEADING AND PRACTICE. *One hour a week for one semester.* Jones on Equity Pleading and Practice. Mr. CLEPHANE and Mr. ROSS.

*EVIDENCE. *Two hours a week throughout the year.* Hinton's Cases on Evidence. Mr. LATIMER and Mr. ARNOLD.

INSURANCE. *Two hours a week for one semester.* Vance's Cases on Insurance. Mr. EVANS.

LEGAL BIBLIOGRAPHY AND BRIEF-MAKING. *One hour a week for one semester.* Mr. HALL and Mr. MILLER.

QUASI-CONTRACTS. *Two hours a week for one semester.* Thurston's Cases on Quasi-Contracts. Not given in 1925-1926.

*REAL PROPERTY II. *Two hours a week throughout the year.* Warren's Cases on Conveyancing. Mr. UPDEGRAFF.

SALES. *Two hours a week throughout the year.* Williston's Cases on Sales (3rd ed.). Mr. POLLITT.

THIRD-YEAR SUBJECTS

ADMINISTRATION OF ESTATES. *Two hours a week for one semester.* Warren's Cases on Wills and Administration. Mr. EVANS.

ADMINISTRATIVE LAW. *Two hours a week for one semester.* Freund's Cases on Administrative Law. Mr. SPAULDING.

ADMIRALTY. *Two hours a week for one semester.* Ames' Cases on Admiralty Jurisdiction, and assigned readings. Mr. ALDEN.

BANKRUPTCY. *Two hours a week for one semester.* Mr. BRANDENBURG.

*BILLS AND NOTES. *Two hours a week throughout the year.* Britton's Cases on Bills and Notes. Mr. ARNOLD.

CONFLICT OF LAWS. *Two hours a week throughout the year.* Lorenzen's Cases on Conflict of Laws. Mr. VAN VLECK.

*CONSTITUTIONAL LAW. *Two hours a week throughout the year.* Hall's Cases on Constitutional Law. Mr. COLLIER.

*CORPORATIONS. *Two hours a week throughout the year.* Warren's Cases on Corporations (2nd ed.). Mr. EDGERTON.

EQUITY III. *Two hours a week for one semester.* Ames' Cases on Equity Jurisdiction, Volume II. Justice STAFFORD.

FEDERAL PROCEDURE. *Two hours a week for one semester.* Mr. BRANDENBURG.

HISTORY OF ENGLISH LAW. *Two hours a week for one semester.* Pound's Readings on the History and System of the Common Law. Mr. UPDEGRAFF.

INTERNATIONAL LAW. *Two hours a week throughout the year.* Scott's Cases on International Law. Mr. HARRIMAN.

LEGAL TACTICS AND ETHICS. *One hour a week for one semester.* Mr. CLEPHANE.

*MOOT COURT. *Two hours a week throughout the year.* Messrs. CLEPHANE, EARNEST, LATIMER and HALL. To register for this course, students must have completed Common Law Pleading and Practice, Equity Pleading and Practice and Evidence.

MORTGAGES. *Two hours a week for one semester.* Kirchwey's Cases on Mortgages (2nd ed.). Mr. EVANS.

SURETYSHIP. *Two hours a week for one semester.* Ames' Cases on Suretyship. Mr. ARNOLD.

ORGANIZATION AND MANAGEMENT OF CORPORATIONS. *One hour a week for one semester.* Clephane on the Organization and Management of Corporations. Mr. HALL.

PARTNERSHIP. *Two hours a week for one semester.* Crane and Magruder's Cases on Partnership. Justice STAFFORD.

PATENT LAW (Substantive) AND PATENT OFFICE PRACTICE. *Two hours a week throughout the year.* Mr. SUTTON.

PATENT LAW MOOT COURT. *Two hours a week for one semester.* Mr. SUTTON.

PROPERTY III. *Two hours a week for one semester.* Kale's Cases on Future Interests. Mr. UPDEGRAFF.

PUBLIC UTILITIES AND INTERSTATE COMMERCE. *Two hours a week throughout the year.* Burdick's Cases on Public Utilities. Mr. EDGERTON.

ROMAN LAW. *Two hours a week for one semester.* Sohm's Institutes of Roman Law (Ledlie's translation); Pound's Readings in Roman Law. Mr. MOLL.

TAXATION. *Two hours a week for one semester.* Beale's Cases on Taxation. Mr. COLLIER.

TRUSTS. *Two hours a week throughout the year.* Scott's Cases on Trusts. Mr. EVANS.

WILLS. *Two hours a week for one semester.* Warren's Cases on Wills and Administration. Mr. EVANS.

SUMMER SESSION, 1926

The Summer School for 1926 will cover a period of thirteen weeks, divided into two sessions of six and one-half weeks each. Classes in the first session begin Monday, June 14, and end Saturday, July

24. Examinations will be held July 26, 27, and 28. Classes in the second session begin Thursday, July 29, and end Wednesday, September 8. Examinations will be held September 9, 10, and 11.

The purpose of the Summer School is to enable students to lighten the work of the regular session or to shorten the period of study for a degree.

Subjects have been selected to afford proper work, both for students beginning the study of law and for advanced students. All the subjects selected will be given by regular members of the faculty, and the character of instruction and the amount and grade of work required will be the same as in the regular session.

TERMS OF ADMISSION

The Law School is co-educational. Both men and women are admitted to the Summer School and to the regular session upon the same terms.

The requirements for admission are the same as those for the regular sessions. Students from other law schools may be admitted for the summer sessions only as special students.

Registration should be completed by the opening date of each session. Students may register for one or both sessions.

FEEES

1. Registration fee (payable once, upon first registration in the Law School) \$5.00

2. Tuition fee:

(a) For students who matriculate in the Law School on or after June 1, 1926, tuition fee per semester credit..... 8.00

(b) For all other students, tuition fee per semester credit..... 7.00

Fees for each summer session are due and payable in advance upon registration for the session.

A student who is compelled to withdraw before the end of a session should notify the Secretary of the Law School at once. In such cases, *if there is prompt notification*, a fair adjustment of fees will be made, the reasons for withdrawal being considered. No reduction will be made for withdrawal after the middle of a session or for late registration.

CREDIT

Employed students may obtain a maximum of four semester hours' credit in each session by taking two subjects aggregating ten periods per week.

Students without substantial outside employment may obtain a maximum of six semester hours' credit in each session by taking three subjects aggregating fifteen periods per week.

HOURS OF INSTRUCTION

The schedule is so arranged that work may be taken in the morning or in the late afternoon, or part in the morning and part in the late afternoon.

Classes in morning subjects are held from Tuesday to Saturday, inclusive; classes in afternoon subjects from Monday to Friday, inclusive. Monday, July 5, and Monday, September 6, will be holidays.

COURSES OF INSTRUCTION—FIRST SESSION

FIRST YEAR SUBJECTS

Agency.—Two semester credits. Keedy's Cases. Tuesday and Friday, 5:10 to 6:55 p. m.; Wednesday, 6:05 to 6:55 p. m. Mr. POLLITT.

*Personal Property.—Two semester credits. Warren's Cases. Monday and Thursday, 5:10 to 6:55 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. UPDEGRAFF.

Principles of Legal Liability.—Two semester credits. Beale's Cases. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. SPAULDING.

SECOND AND THIRD YEAR SUBJECTS

Agency.—Two semester credits. (See under First Year Subjects.)

Equity III.—Two semester credits. Ames' Cases (Vol. II). Tuesday and Friday, 5:10 to 6:55 p. m.; Wednesday, 6:05 to 6:55 p. m. Mr. SPAULDING.

*Evidence.—Four semester credits. (Double subject.) Hinton's Cases. Monday to Friday, inclusive, 5:10 to 6:55 p. m. Mr. ARNOLD.

Quasi-Contracts.—Two semester credits. Thurston's Cases. Monday and Thursday, 5:10 to 6:55 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. VAN VLECK.

Wills.—Two semester credits. Warren's Cases on Wills and Administration. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. UPDEGRAFF.

SECOND SESSION

FIRST-YEAR SUBJECTS

*Common Law Actions.—Two semester credits. Sunderland's Cases. Monday and Thursday, 5:10 to 6:55 p. m.; Wednesday, 5:10 to 6 p. m. Mr. POLLITT.

Domestic Relations.—Two semester credits. Woodruff's Cases. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. MOLL.

SECOND AND THIRD YEAR SUBJECTS

Domestic Relations.—(See under First Year Subjects.)

Damages.—Two semester credits. Beale's Cases. Tuesday and Friday, 5:10 to 6:55 p. m.; Wednesday, 6:05 to 6:55 p. m. Mr. MOLL.

Code and Equity Pleading.—Two semester credits. Hinton's Cases on Code Pleading and Keigwin's Cases on Equity Pleading. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. POLLITT.

*Corporations.—Four semester credits. (Double Subject.) Warren's Cases on Corporations. Monday to Friday, inclusive, 5:10 to 6:55 p. m. Mr. COLLIER.

Trusts.—Four semester credits. (Double Subject.) Scott's Cases. Monday to Friday, inclusive, 5:10 to 6:55 p. m. Mr. EVANS.

THE BENCHERS

The Benchers is a legal honor society, organized to promote scholarship in the Law School. Students who have maintained an average of A during two years' work in this Law School are eligible as Term Benchers, and those who have maintained an A average throughout the course and are within the first 10 per cent of the class are eligible as Benchers. Elections are by the Faculty Benchers.

STUDENTS' EMPLOYMENT

The University maintains an employment bureau to assist students in finding work to aid in their support. Many out-of-town students take the United States Civil Service examinations in their various states and secure positions in the Government departments in Washington, where the hours of employment enable them to pursue the law course in the afternoon. Information concerning these examinations may be secured from the Civil Service Commission at Washington. Many other students secure private employment.

There are also opportunities for private employment which will help pay expenses, but the applicant must be on hand to take advantage of them. Prospective students should have the means of support for at least a half-year to give them time to secure positions.

PRIZES

The John B. Larner Gold Medal.—A gold medal donated by Mr. John Bell Larner, Chairman of the Board of Trustees of the University, is awarded annually to that member of the graduating class who attains the highest average grade in the entire course for the degree of Bachelor of Laws. Awarded in 1924-25 to Robert S. Gordon.

Samuel Herrick Prize.—A prize of twenty-five dollars cash, donated by Samuel Herrick, Esq., is awarded annually to that member of the

*Subjects required for the LL.B. degree.

graduating class, excepting the winner of the gold medal, who has attained the highest average grade in the work of the third year. Awarded in 1924-25 to Frank L. Lowe.

The Ordranax Prize Scholarship.—A prize scholarship, known as "the Ordranax Prize Scholarship," is awarded annually to that member of the second-year class taking the regular course who shall have attained the highest average grade in the work of the second year. The recipient of this prize will be entitled to receive credit for tuition fees to the extent of one hundred dollars in his third year; the diploma fee will remain payable. The award of this scholarship is purely personal and will not be commuted to a cash payment. The recipient of the scholarship must make use of it during the session next succeeding its award; otherwise it will be awarded to the person having the next highest average. Won in 1924-25 by Moses Byington. Because the winner, Moses Byington, was unable to make use of the prize during the session next succeeding its award, it was awarded to Ernest L. Wilkinson, having the next highest average.

Phi Delta Phi Prize.—John Marshall's Inn, of Phi Delta Phi Fraternity, offers a prize of twenty-five dollars cash, to be awarded at the close of each school year to that man of the first-year class who shall have attained the highest average grade in the entire work of the year. Recipients are restricted to men who have made their initial registration in the Law School since the previous June, and who shall have completed at least eighteen semester hours of the courses prescribed for the work of the first year. Awarded in 1924-25 to Clinton B. Townsend.

Phi Delta Delta Prize.—Zeta Chapter of Phi Delta Delta Women's Legal Fraternity offers a prize of twenty-five dollars in gold, to be awarded annually to that woman member of the first-year class receiving the highest average of those registered as first-year students who shall not have entered the Law School prior to September of the scholastic year for which the prize is awarded, and who shall have completed at least eighteen semester hours of study during that year. Awarded 1924-25 to Phoebe Morrison.

Ellsworth Prize.—A prize of twenty-five dollars in gold, offered by Mr. Fritz v. Briesen, called the "Ellsworth Prize," is awarded for the best work done by a student in the subject of Patent Law Practice. Awarded 1924-25 to Charles Shepard 2d.

John Byrne and Company Prize.—A prize offered by John Byrne and Company of Washington, D. C., of four volumes of their Legal Classics, is awarded each year to the student attaining the highest grade in Real Property II. Awarded 1924-25 to Moses Byington and Isaac Lisansky.

Contracts Prize.—A prize offered by Callaghan and Company, law book publishers, of a Cyclopedic Law Dictionary is awarded each

year to the student attaining the highest grade in Contracts. Awarded 1924-25 to Vivian Simpson.

Phi Alpha Delta Prize.—John Jay Chapter, Phi Alpha Delta Law Fraternity, offers a prize consisting of the set of Wigmore on Evidence, to the second-year student attaining the highest average in the required subjects of the first and second years. Awarded 1924-25 to Moses Byington.

Delta Theta Phi Prize.—Woodrow Wilson Senate of the Delta Theta Phi Law Fraternity offers a prize, consisting of a twenty-five dollar credit toward the purchase of law books, to be selected by the winner, to that student of the second-year class who shall have attained the second highest average grade in the work of the second year. Recipients are restricted to students who have completed at least twenty semester hours of work during the regular school year. No student who, upon the completion of two years' work in the Law School, has completed a total of more than sixty semester hours of work therein, or who at the beginning of his second year has completed less than twenty semester hours of work, is eligible for this prize. Awarded in 1924-25 to Ernest L. Wilkinson.

Kappa Beta Pi Prize.—A prize of twenty-five dollars will be awarded by the Nu Chapter of Kappa Beta Pi Legal Sorority to that woman of the second-year class elected to the term benchers, who has the highest scholastic average. Not awarded in 1924-25.

FEES

1. Registration fee (payable once upon first registration in the Law School) \$5.00

2. Tuition fee:

No tuition fee will be charged for less than one semester.

(a) For students who matriculate in the Law School on or after June 1, 1926, as follows:

Students taking the regular full-time morning course, not less than twelve hours per week, per semester.....100.00

Students taking the regular part-time afternoon course of ten hours per week, per semester..... 75.00

All other students, per semester hour..... 8.00

Minimum tuition fee per semester..... 24.00

Students attending the summer sessions, per semester credit... 8.00

(b) For all other students, per semester hour..... 7.00

3. University fee:

Per semester (in advance)..... 4.00

This fee is charged to all students in the University. In return each student receives the following: The University Hatchet (the student newspaper), free admission to all home athletic contests held by the University, medical and hospital

benefits, including not to exceed two weeks in any one year in the University Hospital, the use of the University gymnasium, and other privileges.

4. Graduation fee 11.00

This fee includes one year's membership in the Alumni Association.

The approximate cost of the books for the first year..... 45.00

CHANGES AND WITHDRAWALS

Changes in courses for which students register may be arranged *only in the office of the dean or secretary*. Except where students make changes in this authorized way, they will be treated as registered for the subjects shown on the original registration blanks and will be charged fees accordingly.

Withdrawal from the Law School during a semester may be granted by the Dean upon *written application* setting forth the reasons for such withdrawal. Tuition fees will not be charged beyond the end of the month in which the withdrawal is granted. No other reduction of fees will be made.

In no case will tuition fees be reduced because of non-attendance upon classes.

PAYMENT OF FEES

The registration fee, the University fee for one semester and the tuition fee for at least one month are payable at the time of registration. After registration by a student, no part of the initial payment shall be returnable. The University fee for the second semester is payable at the beginning of that semester.

The tuition fee is charged by the semester and not by the month. It may, however, be paid in eight monthly installments in advance, each installment being due and payable on the first of the month. Students who fail to pay the current monthly installments of tuition fees by the tenth of the month are delinquent, and if such payment is not made on or before the sixteenth of the month such students will be dropped from the rolls.

Students who have been dropped for delinquency in the payment of tuition fees are not permitted to attend classes during the period of delinquency. Such students may, upon approval of the Dean, be reinstated upon the payment of the amount of delinquency and a three-dollar reinstatement fee.

No reinstatement during a semester will be granted after fifteen days from the date on which a student has been dropped for delinquency in the payment of fees.

Students unable to pay their tuition fees monthly in advance will be required to file an acceptable personal or corporate bond for two hundred and fifty dollars as security for future payment.

All changes in courses must be made before the 10th of October for the first semester and before the 10th of February for the second semester, after which dates no changes in courses will be permitted without the approval of the Dean of the department in which the student is registered and the payment of \$2.00 for each change.

All fees are payable at the office of the Treasurer of the University, 2033 G Street N.W.

STUDENTS IN THE UNIVERSITY

Names of students who have withdrawn or graduated are indicated by stars (*); those who have entered since February 2, 1926, by daggers (†).

DEGREES CONFERRED, MISCELLANEA

STUDENTS REGISTERED IN THE DEPARTMENT OF ARTS AND SCIENCES, 1925-1926

Names of students who have withdrawn or graduated are indicated by stars
(*); those who have entered since February, 1926, by daggers (†).

GRADUATE SCHOOL

STUDENTS IN ATTENDANCE

- Alonso, Antonio, Spain
A.B., 1916, Escuela Norman; A.M., 1922, Indiana University
- *Baker, Courtland Darke, W. Va.
A.B., 1924, George Washington University; A.M., 1925, George Washington University
- Black, Charles Ashton, Tenn.
A.B., 1914, Hendrix College; M.S., 1923, George Washington University
- Boatfield, Helen Christina, N. Y.
A.B., 1921, Syracuse University; A.M., 1922, Syracuse University
- *Bond, Norman James, Md.
B.S., 1911, Harvard University; A.M., 1914, Harvard University
- Boyer, Will Warren, D. C.
B.S., 1920, Massachusetts Institute of Technology; B.S., 1917, Oregon State Agricultural College; M. S., 1924, George Washington University
- Brunstetter, Bryon Curtis, Ohio
A.B., 1922, Dickinson College; A.M., 1924, Maryland University
- *Coleman, Grace Decker, D. C.
A.B., 1916, Greenville Women's College; A.M., 1917, Gallaudet College
- *Epperson, Alice Ira Whitson, Mo.
B.S., 1912, North Carolina State College; M.S., 1921, George Washington University
- Erickson, Emil Theodore, D. C.
A.B., 1916, Utah University
- Fox, Edward Jackson, D. C.
A.B., 1917, Richmond College; M.S., 1924, George Washington University
- Frasure, Carl Maynard, Ohio
A.B., 1924, Ohio State University; A.M., 1925, Ohio State University
- *Frost, Elisabeth Sutherland, Va.
A.B., 1924, George Washington University
- †Galeski, Alexandra Louise, D. C.
A.B., 1918, George Washington University; A.M., 1921, George Washington University
- Gardner, Katherine Ewing, D. C.
A.B., 1921, Washburn College
- Gardner, Kelsey Beeler, D. C.
A.B., 1920, Washburn College; A.M., 1922, Harvard University
- Green, Elise Eugenia, D. C.
A.B., 1914, George Washington University
- Hidnert, Peter, N. Y.
A.B., 1918, George Washington University; M.S., 1919, George Washington University
- †Holmes, Grace Bruce, D. C.
B.S., 1919, University of Maryland; M.S., 1922, George Washington University; Ph.D., 1925, George Washington University
- Hosmer, Harriet, Calif.
A.B., 1925, George Washington University
- Hunt, Mabel Graybill, D. C.
A.B., 1921, Wellesley College
- Hutchison, Ruth Mulford, Colo.
A.B., 1925, George Washington University
- Kemp, William Beck, D. C.
B.S., 1912, University of Maryland
- Kilgore, Elizabeth Selden, Kans.
A.B., 1903, University of Kansas
- Kuentsel, Ward Edward, Minn.
B.S., 1917, University of Minnesota; M.S., 1924, George Washington University
- Lauritsen, Marne, Minn.
A.B., 1921, University of Minnesota; A.M., 1922, Gallaudet College
- LeJeune, Norman Frederick, D. C.
B.S., 1920, Carnegie Institute of Technology; M.S., 1924, George Washington University
- Lind, Ida May, D. C.
A.B., 1924, George Washington University
- †Lowe, Henry Francis, D. C.
L.I., 1890, College of William and Mary; B.S., 1903, Columbia University; A.M., 1911, George Washington University
- Lucas, Bertha Lavell, D. C.
A.B., 1923, George Washington University
- Lumsden, Florence, D. C.
A.B., 1919, Cornell University; A.M., 1920, Cornell University
- †McBride Henry Ellsworth, D. C.
B.S., 1922, Gettysburg College
- *McCahan, David, Pa.
B.S., 1920, University of Pennsylvania; A.M., 1922, University of Pennsylvania

- McKay, Helen Caroline, N. Y.
A.B., 1916, Syracuse University
- Markley, Klare Stephen, Md.
B.S., 1924, George Washington University; M.S., 1925, George Washington University
- May, Orville, Edward, Iowa
A.B., 1924, George Washington University
- Miller, Ruby Robinson, D. C.
A.B., 1924, Mercer University
- †Murphy, Mable Gant, D. C.
A.B., 1912, Butler College; A.M., 1923, George Washington University
- Pantall, Ruth, Pa.
A.B., 1917, Wilson College
- *Pollock, Laura Kersey, Va.
A.B., 1923, George Washington University
- †Purcell, Margaret Rosemary, Wis.
A.B., 1925, University of Wisconsin
- Russell, Olivia, Ga.
A.B., 1920, Barnard College; A.M., 1925, Columbia University
- *Scanlan, John Thomas, Ill.
B.S., 1923, University of Illinois; M. S., 1925, George Washington University
- *Schramm, George Nelson, Md.
B.S., 1922, University of Maryland; M.S., 1923, University of Maryland
- Seibold, Theodosia Darling, D. C.
A.B., 1917, George Washington University
- Service, Jerry Hall, Md.
B.S., 1912, Rose Polytechnic Institute; M.S., 1917, Ohio State University; Ph.D., 1920, Ohio State University
- Shewmaker, Lillian Alice, D. C.
A.B., 1924, George Washington University; A.M., 1925, George Washington University
- Smith, Willard Carl, Ill.
B.Ed., 1916, Illinois State Normal University
- Sears, Frances Leota, Pa.
B.S., 1925, George Washington University
- *Speidal, William, N. Y.
B.S., 1916, Cornell University
- Stewart, Margaret M., D. C.
A.B., 1925, George Washington University
- Stoeckbrand, Albert Knorr, Md.
A.B., 1910, Bucknell University; B.D., 1913, Crozer Theological Seminary; A.M., 1913, Bucknell University
- Stuart, Bernice, D. C.
B.S., 1925, Purdue University
- Swallen, Jason Richard, Ohio
A.B., 1924, Ohio Wesleyan University; M.S., 1925, Kansas State Agricultural College
- *Swecker, Celia, Pearl, Va.
B.S., 1924, Harrisonburg State Teachers College
- Ward, Wesley Kyle, Jr., D. C.
A.B., 1923, University of Texas; B.S., 1923, University of Texas
- †Waters, Suzanne Beatrice, D. C.
A.B., 1924, George Washington University
- Wilson, James Holton, Ohio
A.B., 1922, Ohio State University; B.S., 1922, Ohio State University; M.S., 1923, Ohio State University
- *Wright, Frederick Holmes, Calif.
A.B., 1925, George Washington University
- Yee, Jew Yam, Calif.
B.S., 1919, University of California

CANDIDATES FOR DEGREES

The degree for which the student is a candidate is given in parentheses following the name

- Abel, James Frederick (Ph.D.), Nev.
A.B., 1901, University of Nevada; A.M., 1918, Leland Stanford University. *Major: Education*
- Acton, Russell Dow (A.M.), Ill.
A.B., 1924, University of Illinois. *Major: Commerce*
- Allen, Atta Brooks (A.M.), Ohio
A.B., 1918, Ohio University. *Major: Education*
- Allen, Lutia Darnell (A.M.), Ky.
A.B., 1918, University of Kentucky. *Major: English*
- †Andrews, Arthur Martin (M.S.), Wis.
B.S., 1922, Rensselaer Polytechnic Institute. *Major: Civil Engineering*
- Andersen, Soren Christian (A.M.), D. C.
A.B., 1925, George Washington University; B.D., 1917, Chicago Theological Seminary. *Major: English*
- Anderson, Bruce Emery (A.M.), D. C.
A.B., 1924, Colorado College; *Major: Physics*
- Anderson, Carl Claude (M.S.), Mich.
A.B., 1921, Albion College; B.S., 1925, George Washington University. *Major: Chemistry*
- Anderson, Emil (M.S.), Minn.
B.S., 1924, University of Minnesota. *Major: Physics*
- Anderson, Norman T. (A.M.), Ill.
A.B., 1924, George Washington University. *Major: Commerce*
- *Angell, Lowell Everett (A.M.), D. C.
A.B., 1925, University of Oregon. *Major: Commerce*
- Appleby, Madelein Estey (A.M.), Miss.
A.B., 1922, Rollins College. *Major: Education*
- †Bailey, Herbert (M.S.), D. C.
B.S., 1924, Washington State College. *Major: Chemistry*

- *Baker, Howard (A.M.), D. C.
B.S., 1923, Massachusetts Agricultural College. *Major: Zoology*
- Bangerter, Sarah Christel (A.M.), D. C.
A.B., 1925, George Washington University. *Major: Home Economics*
- Baraff, Charles (Ph.D.), D. C.
B.S., 1924, College of the City of New York; A.M., 1925, George Washington University. *Major: Mathematics*
- Barnes, Jesse Wright (Ph.D.), Calif.
A.B., 1917, University of California; M.S., 1922, George Washington University. *Major: Chemistry*
- Barrows, Wendell Parsons (M.S.), Md.
B.S., 1919, Tufts College. *Major: Chemistry*
- Bassler, Bowden Anna V. (A.M.), D. C.
A.B., 1924, George Washington University. *Major: English*
- Batschelet, Clarence Edmund (A.M.), Va.
A.B., 1912, Franklin and Marshall College. *Major: Geology*
- Beauchamp, Ray Morse (A.M.), Idaho
A.B., 1906, Drake University. *Major: Philosophy*
- Bedell, Marion Gardner (A.M.), Conn.
A.B., 1921, Connecticut College. *Major: English*
- Beller, Sadie White (A.M.), D. C.
A.B., 1919, George Washington University. *Major: History*
- Bennett, Alva Herschel (A.M.), D. C.
A.B., 1918, Ohio State University. *Major: Physics*
- Bennett, Maurice Nathalie (A.M.), N. J.
A.B., 1922, George Washington University. *Major: Archaeology*
- †Berger, Cleft Palgrave (M.S.), Pa.
B.S., 1924, Franklin and Marshall College. *Major: Bacteriology*
- Berliner, Julius Frederick T. (Ph.D.), D. C.
B.S., 1923, George Washington University; M.S., 1923, George Washington University. *Major: Chemistry*
- Berry, Edwina (A.M.), Miss.
A.B., 1925, George Washington University. *Major: History*
- Berryman, Elizabeth C. (A.M.), D. C.
A.B., 1917, George Washington University. *Major: History*
- Blaindell, Mary Caroline (A.M.), D. C.
A.B., 1924, Pomona College. *Major: English*
- Box, Mary M. (A.M.), Tex.
A.B., 1922, George Washington University. *Major: Sociology*
- Boyer, Amundus James (A.M.), D. C.
B.S., 1921, Pennsylvania State College. *Major: Bacteriology*
- Boynton, Marcia (Ph.D.), Ohio
A.B., 1924, George Washington University; A.M., 1925, George Washington University. *Major: Psychology*
- Bradley, Mary Alice (M.S.), Ind.
A.B., 1918, Franklin College. *Major: Botany*
- Brainerd, Heloise (A.M.), D. C.
A.B., 1904, Smith College. *Major: Education*
- †Brinson, Rosece (M.S.), Md.
A.B., 1913, Texas Christian University. *Major: Chemistry*
- Brodler, Simon (A.M.), N. Y.
B.S., 1924, Cornell University. *Major: Preventive Medicine*
- *Bromell, John R. (A.M.), Pa.
A.B., 1925, George Washington University. *Major: Economics*
- Broome, Edwin W. (A.M.), Md.
A.B., 1921, George Washington University; L.L.B., 1917, George Washington University. *Major: Education*
- Brown, Herbert Charles (A.M.), Md.
A.B., 1917, Greenville College. *Major: Education*
- Bubb, John Carroll (M.S.), D. C.
A.B., 1915, Washington and Lee University. *Major: Chemistry*
- Bulkley, Ronald (M.S.), Utah
B.S., 1923, University of Utah. *Major: Chemistry*
- *Bulman, Grace Miller (M.S.), D. C.
B.S., 1923, Columbia University. *Major: Chemistry*
- Bunnell, Theora Juliette (A.M.), Md.
A.B., 1904, Goucher College. *Major: History*
- Burlack, Eda (A.M.), D. C.
A.B., 1914, Mississippi State College. *Major: Education*
- Burnet, Mrs. Robbie Berkeley (A.M.), D. C.
A.B., 1924, George Washington University. *Major: History*
- Cabell, Charles Archer (M.S.), Miss.
A.B., 1922, Mississippi College. *Major: Chemistry*
- Came, Carleton Lord (M.S.), D. C.
B.S., 1919, University of New Hampshire. *Major: Chemistry*
- Cameron, Edwin John (Ph.D.), D. C.
B.S., 1920, Massachusetts Institute of Technology. *Major: Bacteriology*
- Cantrell, Mrs. Cecil W. (A.M.), D. C.
A.B., 1921, George Washington University. *Major: Latin*
- Cantrell, Lawson James (A.M.), Tex.
A.B., 1925, George Washington University. *Major: Education*
- *Carmody, Beata Hinaman (A.M.), Md.
A.B., 1918, Smith College. *Major: History*
- Carnahan, Lina (A.M.), D. C.
A.B., 1919, George Washington University. *Major: Geology*
- *Carraber, Rose Gertrude (A.M.), D. C.
A.B., 1923, George Washington University. *Major: Education*
- Cavanagh, William Curran, Jr. (M.S.), S. Dak.
B.S., 1924, University of South Dakota. *Major: Civil Engineering*
- Cavanaugh, Ernest Denning (A.M.), N. C.
A.B., 1921, Duke University. *Major: Commerce*
- Chandler, Robert Briggs (A.M.), Mass.
A.B., 1925, Rollins College. *Major: Spanish*

- Chaney, Bertha Shanks (Ph.D.), D. C.
B.S., 1896, Union College; A.M.,
1922, George Washington Uni-
versity. *Major: Psychology*
- †Chapman, Robert (A. M.), Tenn.
A.B., 1926, George Washington Uni-
versity. *Major: Spanish*
- †Chase, Charles Richard (M.S.), N. H.
B.S., 1901, Dartmouth College; C.E.,
1902, Thayer School of Civil En-
gineering. *Major: Civil Engineer-
ing*
- Chase, William David (M.S.), D. C.
A.B., 1925, George Washington Uni-
versity. *Major: Chemistry*
- Childs, St. Julian Ravenel (A.M.), S. C.
A.B., 1926, George Washington Uni-
versity. *Major: History*
- *Christie, Alfred (A.M.), Md.
A.B., 1912, Mercer University.
Major: Bacteriology
- Clark, Kenneth Gross (M.S.), D. C.
B.S., 1920, University of Pittsburgh.
Major: Chemistry
- Clemens, Maynard Arthur (Ph.D.), Md.
B.S., 1913, Columbia University;
A.M., 1920, Johns Hopkins Uni-
versity; B.C.S., 1923, University
of Maryland; Litt. D., 1925, Johns
Hopkins University. *Major: Edu-
cation*
- Clifford, Mary Frances (A.M.), D. C.
A.B., 1924, George Washington Uni-
versity. *Major: History*
- *Colonna, John Owen (M.S.), D. C.
B.S., 1922, Virginia Military In-
stitute. *Major: Civil Engineering*
- Cook, Cara (A.M.), Mass.
A.B., 1924, Holyoke College. *Major:
Commerce*
- Cook, Fanny A. (Ph.D.), Miss.
A.B., 1919, Mississippi State College
for Women. *Major: Zoology*
- *Cooper, June (A.M.), D. C.
A.B., 1925, George Washington Uni-
versity. *Major: Education*
- Corliss, James Christopher (A.M.),
Calif.
A.B., 1914, Harvard University.
Major: Spanish
- Cotterman, Harold F. (Ph.D.), Md.
B.S., 1916, Ohio State University;
A.M., 1917, Columbia University.
Major: Education
- Crabtree, LuVerne (A.M.), D. C.
A.B., 1924, George Washington Uni-
versity. *Major: Psychology*
- *Craig, Sam Baughman (A.M.), Ky.
A.B., 1923, Centre College. *Major:
Education*
- Craig, Thomas Suiger (A.M.), Pa.
B.S., 1922, Massachusetts Institute
of Technology. *Major: Commerce*
- Craven, Gertrude (A.M.), D. C.
A.B., 1924, Connecticut College.
Major: English
- *Crippen, Catherine Watson (A.M.),
D. C.
A.B., 1924, Smith College. *Major:
Education*
- Crosby, Elizabeth (A.M.), N. C.
A.B., 1911, Juniata College. *Major:
History*
- Curry, Basil Holloway (A.M.), Tex.
A.B., 1924, Baylor University.
Major: History
- *Curry, Mary Alice (A.M.), Miss.
A.B., 1904, Mississippi State College
for Women. *Major: Education*
- *Daly, Marguerite Marie (A.M.), D. C.
A.B., 1925, George Washington Uni-
versity. *Major: Political Science*
- Darton, Annuciata (A.M.), D. C.
A.B., 1925, George Washington Uni-
versity. *Major: Education*
- Davis, Frances Jennings (A.M.), D. C.
A.B., 1925, George Washington Uni-
versity. *Major: Spanish*
- Davison, Mabel M. (A.M.), D. C.
A.B., 1921, George Washington Uni-
versity. *Major: Psychology*
- Defandori, James Holmes (Ph.D.), Md.
A.B., 1916, Wesleyan University;
A.M., 1916, Wesleyan University.
Major: Bacteriology
- Deffenbaugh, Walter Sylvanus (Ph.D.),
D. C.
A.B., 1898, West Virginia University;
A.M., 1917, George Washington
University. *Major: Education*
- DeForce, James Allen (A.M.), Miss.
A.B., 1923, George Washington Uni-
versity; B.S., 1924, Georgetown
University. *Major: Economics*
- *DeMott, George Lynn (A.M.), D. C.
B.S., 1919, Syracuse University
I.L.M., 1924, National University;
M.P.L., 1924, National University.
Major: Physics
- Dendinger, Gertrude (A.M.), Nebr.
A.B., 1925, George Washington Uni-
versity. *Major: English*
- Denison, Irving Alson (Ph.D.), D. C.
B.S., 1920, University of Illinois;
M.S., 1920, University of Illinois.
Major: Chemistry
- *Denning, Ruth O. (A.M.), N. Dak.
A.B., 1911, Ripston College
- Dick, Frederick Ferdinand (M.S.), N. Y.
A.B., 1914, University of Buffalo;
B.S., 1925, George Washington Uni-
versity. *Major: Chemistry*
- †Dickens, Paul DeWitt (M.S.), Ohio
A.B., 1922, Hiram College. *Major:
Political Science*
- *Diermier, Natalie S. (A.M.), D. C.
A.B., 1924, George Washington Uni-
versity. *Major: Home Economics*
- Donovan, Elizabeth Frances (A.M.), Ind.
A.B., Indiana State Normal School;
Major: English
- Doran, Sarah L. (A.M.), N. Y.
A.B., 1924, George Washington Uni-
versity. *Major: Political Science*
- Dorr, Ada Gautier (A.M.), D. C.
A.B., 1917, Mississippi State College
for Women. *Major: English*
- Dorrance, Katharine (A.M.), N. J.
A.B., 1924, Wallisley College.
Major: Economics
- †Douglas, Edgar Meritt (A.M.), D. C.
A.B., 1921, Wofford College. *Major:
Education*
- Doyle, Aida Mary (Ph.D.), D. C.
B.S., 1898, George Washington Uni-
versity; M.S., 1899, George Wash-
ington University. *Major:
Chemistry*
- Dunn, Thomas Raymond (A.M.), N. Y.
A.B., 1922, University of Rochester.
Major: Commerce

- †Earp, Essie Lou (A.M.), Tex.
A.B., 1926 Howard Payne College.
Major: Education
- Easley, Modie Wilson (M.S.), Ohio
B.S., 1922, University of Cincinnati.
Major: Civil Engineering
- Edmonston, Katharine Virginia (A.M.), D. C.
A.B., 1925, George Washington University. *Major: Psychology*
- Eisinger, John Overton (A.M.), D. C.
B.S., 1923, George Washington University. *Major: Physics*
- Eapey, Anna Louise (A.M.), D. C.
A.B., 1925, George Washington University. *Major: English*
- Evans, Alice Catherine (Ph.D.), D. C.
B.S., 1909, Cornell University; M.S., 1910, University of Wisconsin.
Major: Bacteriology
- Federico, Pasquale Joseph (Ph.D.), Ohio
B.S., 1923, Case School of Applied Science; A.M., 1925, George Washington University. *Major: Mathematics*
- Ficklin, Kroes (A.M.), D. C.
A.B., 1918, George Washington University. *Major: English*
- Flury, Henry (Ph.D.), N. J.
B.S., 1912, University of Pennsylvania. *Major: Psychology*
- Folse, Lenard Roy (A.M.), La.
A.B., 1924, George Washington University. *Major: Archaeology*
- Forbes, Howard M. (A.M.), Mass.
A.B., 1922, Harvard University.
Major: Commerce
- Frankenfield, Mary L. Hayes (A.M.), Pa.
A.B., 1924, George Washington University. *Major: Latin*
- Franklin, Josephine Carroll (A.M.), D. C.
A.B., 1910, Hiram University; B.S., 1916, Ohio State University.
Major: English
- *Franz, Violet (A.M.), D. C.
A.B., 1915, Smith College. *Major: French*
- Frederick, Carl Leroy (A.M.), Va.
A.B., 1925, Nebraska Wesleyan University. *Major: Physics*
- Fritz, Muriel Estelle (A.M.), D. C.
A.B., 1920, Wellesley College.
Major: English
- Gable, Paul DeLong (A.M.), D. C.
A.B., 1925, George Washington University. *Major: Political Science*
- Gamble, James Alexander (Ph.D.), Md.
B.S., 1909, Connecticut Agricultural College; M.S., 1915, George Washington University. *Major: Bacteriology*
- Gardener, Martha (A.M.), Calif.
A.B., 1924, Pomona College. *Major: Political Science*
- *Gardner, Carl (A.M.), D. C.
A.B., 1921, University of Tennessee.
Major: Political Science
- Gay, Welland (A.M.), Va.
B.S., 1918, University of Michigan.
Major: Commerce
- Genicco, Eugene William (Ph.D.), Va.
B.S., 1920, University of Michigan; M.S., 1924, University of Michigan. *Major: Chemistry*
- †Given, Mary Ella (A.M.), Md.
A.B., 1910, George Washington University. *Major: Education*
- Goff, Harry Louis (A.M.), Pa.
A.B., 1921, Washington and Lee University; M.D., 1925, Jefferson Medical School. *Major: Bacteriology*
- Gookins, Herbert (A.M.), Colo.
A.B., 1925, University of Denver.
Major: Political Science
- Goanell, Ruby Lois (A.M.), S. C.
A.B., 1924, George Washington University. *Major: Spanish*
- *Goss, Marshall (M.S.), Ohio
A.B., 1924, George Washington University. *Major: Chemistry*
- Graham, Edgar (A.M.), D. C.
A.B., 1925, George Washington University. *Major: Romance Languages*
- Greenbank, George Richard (M.S.), D. C.
A.B., 1917, Ohio State University.
Major: Chemistry
- Greenberg, Abraham Samuel (M.S.), N. Y.
B.S., 1923, City College of New York. *Major: Chemistry*
- Greenlee, Zola V. (A.M.), D. C.
A.B., 1922, George Washington University. *Major: Sociology*
- *Gregory, Agnes Josephine (A.M.), D. C.
A.B., 1923, George Washington University. *Major: English*
- Gropp, Paul Eugene (A.M.), D. C.
A.B., 1923, George Washington University. *Major: German*
- Grosvenor, Edith Louise (A.M.), D. C.
A.B., 1925, George Washington University. *Major: Psychology*
- Guerin, Mary Bancroft (A.M.), D. C.
A.B., 1918, Smith College. *Major: Psychology*
- Hall, Elizabeth Fambro (A.M.), Conn.
A.B., 1923, George Washington University. *Major: Spanish*
- Hall, Wallace LeRoy (M.S.), D. C.
A.B., 1925, George Washington University. *Major: Chemistry*
- Hann, Raymond McGeary (M.S.), D. C.
B.S., 1925, George Washington University. *Major: Chemistry*
- Hansen, George Henry (Ph.D.), Utah
B.S., 1919, Utah Agricultural College; A. M., 1925, George Washington University. *Major: Geology*
- *Hansen, George Washington (M.S.), Wyo.
B.S., 1922, Whitman College. *Major: Civil Engineering*
- Hardy, Margaret Boude (A.M.), D. C.
A.B., 1917, George Washington University. *Major: Economics*
- Hare, Robert Stuart (A.M.), Kans.
A.B., 1923, Kansas University.
Major: Economics
- Harper, Clarence P. (A.M.), Calif.
B.R. Adm., University of Washington. *Major: Economics*
- Hartman, Arthur Meyer (M.S.), D. C.
B.S., 1924, George Washington University. *Major: Chemistry*
- Hastings, Helen (A.M.), D. C.
A.B., 1925, George Washington University. *Major: English*

- Hathaway, Christal Carson (A.M.), D. C.
A.B., 1916, Park College. *Major:*
Political Science
- Haworth, Ellis (Ph.D.), D. C.
A.B., 1923, George Washington Uni-
versity. *Major:* Chemistry
- Hay, Frances Steele (A.M.), D. C.
Ph.B., 1897, University of Chicago.
Major: Geology
- Hasleton, Willis Blackford (Ph.D.),
Minn.
A.B., 1921, Macalester College.
Major: Political Science
- Hedrick, Anna Fancher (A.M.), D. C.
A.B., 1921, Vassar College. *Major:*
Political Science
- Henderson, Edward P. (M.S.), Ohio
A.B., 1924, George Washington Uni-
versity. *Major:* Chemistry
- Hentschel, Ernest Robert (A.M.), Mo.
A.B., 1924, University of Missouri;
B.S., 1924, University of Missouri.
Major: Physics
- *Heyl, Lucy K. (A.M.), D. C.
A.B., 1925, George Washington Uni-
versity. *Major:* Education
- Hill, Hugh Palmer, Jr. (M.S.), D. C.
B.S., 1924, George Washington Uni-
versity. *Major:* Civil Engineering
- Hodgkins, George Wilson (Ph.D.), D. C.
A.B., 1915, George Washington Uni-
versity; A.M., 1916, George Wash-
ington University. *Major:* Edu-
cation
- Hoffman, William Maguire (A.M.), D. C.
Ph.B., 1907, Dickinson College.
Major: History
- Holman, Mary (A.M.), Ohio
B.S., 1924, University of Vermont.
Major: Psychology
- Holmes, Ruth Emily V. (A.M.), Md.
A.B., 1923, George Washington Uni-
versity. *Major:* History
- †Hopper, Ward Loan (A.M.), D. C.
B.S., 1917, University of Wisconsin.
Major: Commerce
- House, Matthew James (A.M.), D. C.
A.B., 1925, George Washington Uni-
versity. *Major:* Psychology
- Howell, Ruth Alden (A.M.), D. C.
A.B., 1924, University of Michigan.
Major: Philosophy
- †Hummer, Elizabeth Alice (A.M.), D. C.
A.B., 1915, George Washington Uni-
versity. *Major:* Education
- Hunt, Thelma (Ph.D.), Md.
A.B., 1924, George Washington Uni-
versity; A.M., 1925, George Wash-
ington University. *Major:* Psy-
chology
- Hutchinson, Mildred (Ph.D.), Mass.
A.B., 1915, Smith College. *Major:*
Romance Languages
- Hyslop, James Augustus (Ph.D.), Md.
B.S., 1908, Massachusetts Agricul-
tural College; M.S., 1912, Wash-
ington State College. *Major:*
Zoology
- Jacob, Kenneth Donald (M.S.), D. C.
B.S., 1913, Mississippi Agricultural
and Mechanical College. *Major:*
Chemistry
- Jessup, Katherine Elizabeth (A.M.), Va.
A.B., 1917, Meredith College.
Major: Education
- Jetter, Karl (M.S.), D. C.
B.S., 1921, Massachusetts Institute
of Technology. *Major:* Civil
Engineering
- Johnson, Ethel May (A.M.), Ohio
A.B., 1925, George Washington Uni-
versity. *Major:* English
- Johnson, Grace May (A.M.), D. C.
B.S., 1913, Columbia University.
Major: Archaeology
- †Johnson, Lester Dudley (A.M.), D. C.
A.B., 1924, George Washington Uni-
versity. *Major:* Economics
- *Johnson, Nobel Gustaf (A.M.), Ill.
A.B., 1924, University of Illinois.
Major: Psychology
- *Johnston, Alma May (A.M.), Mo.
A.B., 1925, George Washington Uni-
versity. *Major:* English
- Jones, Evelyn Wellington (A.M.), D. C.
A.B., 1921, George Washington Uni-
versity. *Major:* English
- Jones, Howard Allen (M.S.), Va.
B.S., 1925, George Washington Uni-
versity. *Major:* Chemistry
- Jones, Russell Morgan (M.S.), Pa.
B.S., 1920, Pennsylvania State Col-
lege. *Major:* Chemistry
- Karpeles, Lotta May (A.M.), D. C.
A.B., 1925, George Washington Uni-
versity. *Major:* Psychology
- *Kata, David (M.S.), Mo.
B.S., 1924, University of Missouri.
Major: Chemical Engineering
- Kause, Selma (A.M.), D. C.
A.B., 1925, George Washington Uni-
versity. *Major:* History
- Kemman, Hugo Augustus (A.M.), Iowa
A.B., 1923, George Washington Uni-
versity; L.L.B., 1924, George Wash-
ington University; LL.M., 1925,
George Washington University.
Major: Psychology
- Kennedy, Harold S. (M.S.), Tex.
A.B., 1924, George Washington Uni-
versity. *Major:* Chemistry
- Kleinschmidt, Laurence (M.S.), Ohio
A.B., 1925, George Washington Uni-
versity. *Major:* Chemistry
- Kline, Gordon Mabey (M.S.), D. C.
A.B., 1925, Colgate University.
Major: Chemistry
- †Knox, Lucy (A.M.), Fla.
B.S., 1924, University of Maryland.
Major: Psychology
- *Krieger, Herbert William (Ph.D.), D. C.
A.B., 1907, Iowa Wartburg College;
A.M., 1908, State University of
Iowa. *Major:* Ethnology
- Lacey, Lucille Helen (A.M.), D. C.
A.B., 1922, St. Clarn College. *Major:*
Bacteriology
- Lerch, William (Ph.D.), D. C.
B.S., 1918, Beloit College; M.S.,
1923, University of Wisconsin.
Major: Chemistry
- Lewis, Blanche Elizabeth (A.M.), D. C.
A.B., 1923, George Washington Uni-
versity. *Major:* English
- *Lewis, Dorothy Mae (A.M.), D. C.
A.B., 1924, George Washington Uni-
versity. *Major:* English
- *Lewis, Nancy Kreides (A.M.), Pa.
A.B., 1922, Wellesley College.
Major: Psychology

- Lindsey, Irving (A.M.), Va.
A.B., 1923, George Washington University. *Major: Mathematics*
- Loehler, John G. (M.S.), D. C.
B.S., 1924, Lafayette College.
Major: Civil Engineering
- Loehler, Paul Frederick (M.S.), D. C.
B.S., 1924, George Washington University. *Major: Civil Engineering*
- Lohmann, Pauline (A.M.), D. C.
A.B., 1923, George Washington University. *Major: Economics*
- †Long, Edgar Fauver (Ph.D.), Md.
A.B., 1911, Blue Ridge College;
A.M., 1915, University of Kansas.
Major: Education
- Lowrey, Mary Alice (A.M.), Miss.
A.B., 1925, George Washington University. *Major: History*
- Lunstrom, Frank (M.S.), Colo.
A.B., 1921, George Washington University. *Major: Chemistry*
- †Lupton, Helen Augusta (A.M.), D. C.
A.B., 1926, George Washington University. *Major: English*
- *McCann, Florence Chapman (A.M.), Colo.
A.B., 1914, University of Colorado.
Major: Education
- †McClosky, William Thomas (A.M.), D. C.
A.B., 1925, George Washington University. *Major: Zoology*
- McKinney, Robert Stevenson (M.S.), D. C.
B.S., 1920, University of Cincinnati.
Major: Chemistry
- McNish, Alvin Greene (A.M.), D. C.
A.B., 1924, George Washington University. *Major: Sociology*
- McArthur, Louis Eugene (Ph.D.), Utah.
B.Pd., 1897, Brigham Young University; A.B., 1916, George Washington University; A.M., 1917, George Washington University.
Major: Political Science
- MacMillan, Julia Theckla (Ph.D.), D. C.
B.S., 1907, George Washington University; M.S., 1911, George Washington University; *Major: Zoology*
- Maitland, Annie Florence (A.M.), D. C.
A.B., 1924, George Washington University. *Major: History*
- Mallory, Walter Langdon (A.M.), Va.
B.S., 1908, Virginia Polytechnic Institute; M.S., 1910, Virginia Polytechnic Institute. *Major: Economics*
- Marchionna, Frederick (M.S.), Ohio
B.S., 1924, Case School of Applied Science. *Major: Chemistry*
- †Markriter, Frank Bernard (A.M.), D. C.
B.S., 1923, University of Pennsylvania. *Major: English*
- Marshino, Ora (A.M.), Ky.
A.B., 1924, George Washington University. *Major: Political Science*
- Martin, Annie Early (A.M.), Va.
A.B., 1921, Randolph-Macon Women's College. *Major: Education*
- Mayo, Bernard J. (A.M.), Me.
A.B., 1924, George Washington University. *Major: History*
- Mehring, Arnon Lewis (M.S.), Md.
A.B., 1922, George Washington University. *Major: Chemistry*
- *Melchior, Eleanor Bradford (A.M.), Va.
A.B., 1924, George Washington University. *Major: English*
- †Melton, Kinsey (A.M.), D. C.
A.B., 1925, Hiram College. *Major: Education*
- Menges, Mary Senft (A.M.), Pa.
A.B., 1922, University of Michigan.
Major: Botany
- †Messenger, Frank (A.M.), Tex.
B.S., 1925, Texas Agricultural and Mechanical College. *Major: Economics*
- *Michele, Vera Alexander (A.M.), Mass.
A.B., 1925, Radcliffe College. *Major: Political Science*
- Miles, Florence Gertrude (A.M.), Ohio
A.B., 1924, Oberlin College. *Major: Economics*
- Miller, Donald Benjamin (A.M.), D. C.
A.B., 1921, State University of Iowa.
Major: Education
- Miller, Grace Bulman (M.S.), D. C.
B.S., 1923, Columbia University.
Major: Chemistry
- Miniar, Irene (A.M.), D. C.
A.B., 1917, West Virginia University.
Major: Education
- Moulton, Edward Burton (Ph.D.), Ill.
A.B., 1923, George Washington University; A.M., 1925, George Washington University. *Major: History*
- Moulton, Stanley Cheney (M.S.), D. C.
B.S., 1918, University of Virginia.
Major: Chemistry
- Murphy, Joseph C. (Ph.D.), Ohio
B.S., 1922, University of Dayton;
M.S., 1924, University of Dayton.
Major: Chemistry
- *Murrill, Minnie D. (A.M.), D. C.
A.B., 1924, George Washington University. *Major: English*
- †Myers, Walter Claude (A.M.), D. C.
A.B., 1926, George Washington University. *Major: Mathematics*
- *Nations, Florence (A.M.), D. C.
A.B., 1923, George Washington University. *Major: History*
- Neff, Paul Raymond (A.M.), Ohio
B.S., 1923, Heidelberg University.
Major: Mathematics
- Newcombe, Josiah T. (A.M.), N. Y.
A.B., 1892, Williams College.
Major: Economics
- Niemeyer, Ernestine Helena (A.M.), D. C.
A.B., 1924, George Washington University. *Major: Botany*
- Noel, William Alexander (M.S.), D. C.
B.S., 1914, Pennsylvania State University; M.E., 1922, Pennsylvania State University. *Major: Mechanical Engineering*
- Nolan, Willis James (Ph.D.), D. C.
A.B., 1914, Western Reserve University; A.M., 1917, University of Illinois. *Major: Zoology*
- Nordeen, Carl Edward (M.S.), Md.
B.S., 1913, Colorado College. *Major: Civil Engineering*

- Norman, Estella Gertrude (Ph.D.), Mich.
A.B., 1898, Battle Creek College;
M.D., American Medical Mis-
sionary College. *Major: Psy-
chology*
- *Noyes, Margaret Gilchrist (M.S.),
Mass.
A.B., 1924, Mt. Holyoke. *Major:*
Chemistry
- †Nichols, May Cowan (A.M.), Tenn.
A.B., 1913, Maryville College.
Major: Botany
- O'Brien, Madeline (A.M.), Ohio
B.S., 1920, Ohio State University.
Major: Engineering
- Olcott, Margaret Thompson (A.M.), Va.
A.B., 1917, Mt. Holyoke. *Major:*
Commerce
- Omwake, Katharine Tait (Ph.D.), D. C.
A.B., 1924, George Washington Uni-
versity; A.M., 1925, George Wash-
ington University. *Major: Psy-
chology*
- Ormerod, Frank Howarth (A.M.), D. C.
B.S., 1921, Bowdoin College. *Major:*
Economics
- †Parker, Elizabeth (A.M.), D. C.
A.B., 1924, Brennan College. *Major:*
Botany
- Parrett, Elsie Marian (A.M.), D. C.
Ph.B., 1909, Dakota Wesleyan Uni-
versity. *Major: English*
- *Pendleton, Philip Eaton (M.S.), D. C.
B.S., 1919, Rensselaer Polytechnic
Institute. *Major: Mechanical En-
gineering*
- Pittman, Estelle Marguerite (A.M.), Ohio
A.B., 1925, George Washington Uni-
versity. *Major: History*
- Pohl, Erwin Robert (Ph.D.), N. Y.
A.B., 1925, George Washington Uni-
versity; A.M., 1926, George Wash-
ington University. *Major: Geology*
- Porter, Frank (Ph.D.), Mo.
A.B., 1919, University of Missouri;
M.S., 1923, George Washington
University. *Major: Chemistry*
- Potts, John Bernard (A.M.), Va.
A.B., 1925, George Washington Uni-
versity. *Major: History*
- Price, David James (M.S.), D. C.
B.S., 1925, Pennsylvania State Uni-
versity. *Major: Chemistry*
- Protzman, Merle Irving (Ph.D.), Pa.
A.B., 1918, Dickinson College; A.M.,
1919, Dickinson College. *Major:*
Romance Languages
- Pucci, Dominic Louis (Ph.D.), Mich.
A.B., 1924, George Washington Uni-
versity. *Major: Romance Lan-
guages*
- Putnam, Amy Dorothy (Ph.D.), D. C.
A.B., 1922, George Washington Uni-
versity; A.M., 1923, George Wash-
ington University. *Major: Eng-
lish*
- Quick, George Willard (M.S.), D. C.
B.S., 1917, University of Richmond.
Major: Chemistry
- †Quinn, Thomas Wallace (M.S.), Ga.
B.S., 1923, Georgia School of
Technology. *Major: Chemistry*
- Rabinowitz, Harry W. (M.S.), Conn.
B.S., 1923, Yale University. *Major:*
Chemistry
- Raine, Wendell Phillips (Ph.D.), Pa.
B.S., 1907, University of Pennsyl-
vania; A.M., 1911, University of
Pennsylvania; LL.B., 1922, George
Washington University. *Major:*
Commerce
- *Ranney, Harold (A.M.), D. C.
A.B., 1924, Dartmouth College.
Major: English
- Ranow, George Rabenoviak (Ph.D.),
Wis.
A.B., 1916, Valparaiso University;
A.M., 1924, Columbia University.
Major: Education
- Rapp, Paul (M.S.), D. C.
B.S., 1920, Franklin and Marshall
College. *Major: Chemistry*
- Reardon, Lucy Virginia (A.M.), Va.
A.B., 1925, George Washington Uni-
versity. *Major: Zoology*
- *Rector, Anna Maye Blunk (A.M.), Ind.
A.B., 1925, George Washington Uni-
versity. *Major: History*
- Reed, Margaret D. (A.M.), D. C.
A.B., 1920, George Washington Uni-
versity. *Major: French*
- Regan, Agnes Elizabeth (A.M.), N. Y.
A.B., 1924, George Washington Uni-
versity. *Major: English*
- Reynolds, Dummond Stoddart (M.S.),
D. C.
B.S., 1924, University of Denver.
Major: Chemistry
- *Reynolds, Hazel Vincenz (A.M.), Md.
A.B., 1924, George Washington Uni-
versity. *Major: Spanish*
- Reynolds, Marion Butler (A.M.), D. C.
B.S., 1925, William and Mary Col-
lege. *Major: Economics*
- *Richardson, David (M.S.), Mass.
B.S., 1923, Worcester Polytechnic
Institute. *Major: Chemistry*
- Riggs, Florence Margaret (A.M.), N. Y.
A.B., 1923, George Washington Uni-
versity. *Major: Mathematics*
- †Riley, Ethel Eleanor (A.M.), D. C.
Ph.B., 1903, Ohio University. *Major:*
Education
- *Roberts, George Leathwhite (Ph.D.),
N. J.
A.B., 1924, George Washington Uni-
versity; M.S., 1925, George Wash-
ington University. *Major: Chem-
istry*
- Roeber, William Frederick (A.M.), D. C.
B.S., 1925, George Washington Uni-
versity. *Major: Physics*
- Rohrer, Harvey Vaughn (A.M.), Kan.
A.B., 1924, University of Washing-
ton. *Major: Economics*
- *Rose, Leonard J. (M.S.), D. C.
B.S., 1925, George Washington Uni-
versity. *Major: Mechanical En-
gineering*
- Rossman, Joseph (A.M.), Pa.
B.S., 1922, University of Pennsyl-
vania. *Major: Psychology*
- *Sanders, Warrington Raphael (M.S.),
D. C.
B.S., 1925, University of Maryland.
Major: Electrical Engineering
- †Sands, Wilhelmina Fant (A.M.), D. C.
A.B., 1913, Winthrop College.
Major: Education

- *Santos, Paterno (Ph.D.), P. I.
A.B., 1919, University of Philippine Islands; Ph.B., 1921, University of Philippine Islands; A.M., 1922, University of Philippine Islands; A.M., 1925, George Washington University; Ph.D., 1926, George Washington University. *Major: History*
- Sargent, Harvey Owen (Ph.D.), Ala.
B.S., 1901, Alabama Polytechnic Institute; M.S., 1902, Alabama Polytechnic Institute; A.M., 1923, George Washington University. *Major: Education*
- †Savage, Carlton Raymond (A.M.), Ore.
B.S., 1921, University of Oregon. *Major: Political Science*
- Schott, Loren Fletcher (A.M.), Md.
B.S., 1925, University of Maryland; *Major: Education*
- Sener, Charles Edward, Jr. (A.M.), D. C.
A.B., 1924, Johns Hopkins University. *Major: Economics*
- Shafer, Eloise (A.M.), Pa.
B.S., 1918, New York State College for Teachers. *Major: History*
- Sheffield, Edgar Lee (M.S.), Idaho
A.B., 1921, George Washington University; LL.B., 1924, George Washington University. *Major: Chemistry*
- Shepard, Ernest S. (A.M.), D. C.
A.B., 1925, George Washington University. *Major: English*
- Sherwood, Winifred H. (A.M.), Colo.
A.B., 1925, George Washington University. *Major: History*
- Shuss, Letitia (A.M.), Pa.
B.E., 1897, Juniata College; B.S., 1915, Columbia University. *Major: History*
- Siegler, Catherine Estelle (A.M.), Md.
A.B., 1923, George Washington University. *Major: French*
- Simkins, William Albert (M.S.), Tenn.
B.S., 1923, University of Tennessee. *Major: Chemistry*
- Simmons, Perez (Ph.D.), Md.
B.S., 1916, Massachusetts Agricultural College. *Major: Zoology*
- Smith, Elisabeth Lucile (A.M.), Iowa
A.B., 1890, Knox College. *Major: Sociology*
- Smith, Eva D. (A.M.), D. C.
A.B., 1925, George Washington University. *Major: Spanish*
- Smith, Hugh Stewart (A.M.), D. C.
B.S., 1923, Northwestern University. *Major: Education*
- Smith, Sarah French (A.M.), S. C.
A.B., 1924, George Washington University. *Major: Psychology*
- *Smith, Zuela Zong (A.M.), Calif.
A.B., 1923, George Washington University. *Major: English*
- Soelberg, Earl James (A.M.), Idaho
A.B., 1925, George Washington University. *Major: History*
- †Somers, Milton Michael (A.M.), Md.
A.B., 1920, Western Maryland College; LL.B., 1924, National University. *Major: Education*
- Sotsin, Heber Allen (A.M.), Va.
A.B., 1923, George Washington University. *Major: Education*
- Speer, Alma Jane (A.M.), D. C.
A.B., 1913, University of Texas; B.L., 1909, North Texas College. *Major: Zoology*
- Stallings, Mildred Evelyn (A.M.), D. C.
A.B., 1921, George Washington University. *Major: Education*
- Staples, Helen DuBois (A.M.), Va.
A.B., 1909, Bryn Mawr College. *Major: Mathematics*
- Stearns, Harold Thornton (Ph.D.), D. C.
B.S., 1921, Wesleyan University. *Major: Geology*
- Steele, Lucy Elizabeth (A.M.), D. C.
A.B., 1925, George Washington University. *Major: Philosophy*
- Stetson, Francis Carroll (A.M.), Va.
A.B., 1920, Harvard University. *Major: History*
- St. George, Raymond Alexander (Ph.D.), Va.
B.S., 1918, Massachusetts Agricultural College; M.S., 1923, George Washington University. *Major: Zoology*
- Strykowski, Zvi Hirsh (Ph.D.), Palestine
A.B., 1923, George Washington University; A.M., 1924, George Washington University. *Major: Philology*
- Suikins, William Albert (M.S.), Tenn.
B.S., 1923, University of Tennessee. *Major: Chemistry*
- Sullivan, Charles McManus (M.S.), R. I.
B.S., 1919, Rhode Island State College. *Major: Engineering*
- †Sullivan, Clara Parker (A.M.), Ga.
B.L., 1911, Brenau College. *Major: Psychology*
- Sullivan, James Bascoe (Ph.D.), Md.
A.B., 1912, Mercer University; A.M., 1922, Columbia University. *Major: Education*
- Sullivan, James F. (A.M.), Mass.
A.B., 1924, George Washington University. *Major: Economics*
- Swedenborg, Edward Andrew (M.S.), Idaho
A.B., 1924, George Washington University. *Major: Chemistry*
- Swigart, Ada King (A.M.), Md.
A.B., 1925, George Washington University. *Major: Home Economics*
- Taggart, Giles Russell, Jr. (A.M.), D. C.
A.B., 1924, University of Western Ontario. *Major: French*
- Tapley, Gladys (Ph.D.), Ala.
A.B., 1924, George Washington University; A.M., 1925, George Washington University. *Major: French*
- †Taah, George Elijah (A.M.), Me.
B.S., 1925, Colby College. *Major: Geology*
- Taylor, Nell Boyd (A.M.), D. C.
A.B., 1922, George Washington University. *Major: Education*
- Tener, Rees Ferneau (M.S.), D. C.
A.B., 1920, Marietta College. *Major: Chemistry*
- Tennyson, James Anna (A.M.), D. C.
A.B., 1925, George Washington University. *Major: Education*
- Thomas, Carroll Truett (M.S.), Va.
B.S., 1920, University of Richmond. *Major: Chemistry*

- Thomas, Henry Seely (A.M.), N. J.
B.S., 1920, Middlebury College;
LL.B., 1925, George Washington
University. *Major: Economics*
- Tice, Rebecca E. (Ph.D.), D. C.
B.S., 1916, Albright College. *Major:*
Pathology
- Tietig, Chester (M.S.), D. C.
A.B., 1923, University of Cincinnati.
Major: Chemistry
- Tolson, Hillary A. (A.M.), Iowa
A.B., 1924, George Washington Uni-
versity. *Major: Commerce*
- Touhey, Matthew Patrick (A.M.), D. C.
A.B., 1925, Catholic University.
Major: Economics
- †Trisler, John LaFayette (M.S.), Colo.
B.S., 1909, Virginia Military Insti-
tute. *Major: Civil Engineering*
- Tron, Robert A. (A.M.), N. Y.
LL.B., 1922, George Washington
University; A.B., 1925, George
Washington University. *Major:*
French
- Vaccaro, Mary Josephine (A.M.), D. C.
A.B., 1924, George Washington Uni-
versity. *Major: English*
- †Vanice, Frances May (A.M.), D. C.
A.B., 1924, University of Louisville.
Major: Education
- Vickers, Rose Margaret (A.M.), D. C.
A.B., 1925, George Washington Uni-
versity. *Major: History*
- Villolon, Brigido Gonaales (A.M.), P. I.
B.S., 1924, University of Philippine
Islands. *Major: Commerce*
- VonEiff, Mildred (A.M.), D. C.
A.B., 1924, George Washington Uni-
versity. *Major: History*
- Waldron, Charles Elmer (A.M.), D. C.
B.S., 1902, Wesleyan University.
Major: Education
- Walcott, Marie E. (A.M.), D. C.
A.B., 1923, George Washington Uni-
versity. *Major: Archaeology*
- Walter, Eva May (A.M.), Ill.
A.B., 1923, George Washington Uni-
versity. *Major: History*
- *Walters, John Earl (M.S.), D. C.
A.B., 1915, Leland Stanford Uni-
versity. *Major: Chemistry*
- Walton, George P. Robert (Ph.D.), D. C.
B.S., 1912, George Washington Uni-
versity; M.S., 1925, George Wash-
ington University. *Major: Chem-*
istry
- Wangler, John George (Ph.D.), N. Y.
B.S., 1922, Syracuse University;
M.S., 1925, George Washington
University. *Major: Chemistry*
- Webster, Robert Alden (M.S.), Mont.
B.S., 1914, University of Montana;
E.E., 1922, University of Mont-
ana. *Major: Physics*
- Weigandt, Henri Nicolai (Ph.D.), Ill.
A.B., 1922, George Washington Uni-
versity; A.M., 1923, George Wash-
ington University. *Major: Political*
Science
- Wells, Arthur Wayne (M.S.), Ind.
A.B., 1924, George Washington Uni-
versity. *Major: Chemistry*
- Weston, Charles Fitch (M.S.), Mass.
B.S., 1918, Dartmouth College.
Major: Chemistry
- Whitaker, Walker Sligh (A.M.), Va.
A.B., 1909, Wofford College. *Major:*
Education
- Whitney, Will Alvah (A.M.), Mass.
B.S., 1924, Massachusetts Agricul-
tural College. *Major: Chemistry*
- Whittaker, Colin (Ph.D.), Ill.
A.B., 1919, Fairmont College; M.S.,
1923, George Washington Uni-
versity. *Major: Chemistry*
- Whitzell, Margaret Eva (A.M.), D. C.
A.B., 1923, George Washington Uni-
versity. *Major: English*
- Wibert, Margaret B. (A.M.), Va.
A.B., 1925, George Washington Uni-
versity. *Major: English*
- Willett, Hurd C. (Ph.D.), D. C.
B.S., 1924, Princeton University.
Major: Meteorology
- Williams, Esther Louise (A.M.), Md.
B.S., 1924, University of Maryland.
Major: Economics
- †Williams, Harriet Martha (A.M.), N. Y.
A.B., 1924, George Washington Uni-
versity. *Major: English*
- Williams, Mathilde Dorothea (A.M.),
D. C.
A.B., 1925, George Washington Uni-
versity. *Major: History*
- †Willoughby, Isla (A.M.), D. C.
A.B., 1907, Winthrop College.
Major: Economics
- *Wong, Fuchao Kuang (A.M.), China
B.S., 1925, Norwich University.
Major: Commerce
- *Woodford, Beatrice Kinsman (A.M.), Md.
A.B., 1924, George Washington Uni-
versity. *Major: English*
- Woolard, Edgar William (A.M.), D. C.
A.B., 1923, George Washington Uni-
versity. *Major: Physics*
- *Wright, Katherine Vaughn (A.M.), D. C.
A.B., 1925, George Washington Uni-
versity. *Major: English*
- Yost, Myrtle Estelle (A.M.), D. C.
A.B., 1924, George Washington Uni-
versity. *Major: English*

COLUMBIAN COLLEGE

REGULAR STUDENTS

FRESHMEN

- *Aaronson, Estherlea (Gen.), D. C.
 *Abellera, Alberto Y. (Pre-Legal), P. I.
 Abramson, Irving (Pre-Med.), D. C.
 †Aceton, Richard Courtney (Pre-Med.), Va.
 Adam, Agnes Clotilda (Gen.), Pa.
 Adams, Alice Antionette (Gen.), D. C.
 Adams, William Ware (Gen.), D. C.
 Adkins, Alma Ernestine (Gen.), D. C.
 *Agnew, Kathryn Genevieve (Gen.), N. Y.
 †Aitken, Benjamin (Pre-Legal), N. Y.
 Alewine, William Maurice (Com.), D. C.
 Allen, Lena (Gen.), D. C.
 Allen, Theron Elbert (Pre-Legal), Utah
 Allshouse, David Samuel (Com.), D. C.
 Alsop, Byron Wilson (Gen.), D. C.
 *Alter, Winifred Dickinson (Gen.), D. C.
 Alverson, Maxine Rogene (Gen.), Pa.
 Amsterdam, Herman J. (Pre-Med.), N. Y.
 Anderson, Grace Elva (Gen.), Idaho
 *Anger, Lillienne Rosamond (Gen.), Mass.
 Arellano, Arsenio Yansa (Pre-Legal), P. I.
 Aroy, Lula Mae (Gen.), Va.
 †Armstrong, Helen Grafton (Gen.), D. C.
 Aronoff, Julius (Pre-Legal), D. C.
 †Aronowsky, Celia (Gen.), D. C.
 Aronowsky, Irving Arthur (Pre-Med.), D. C.
 Arrington, Hazel Nash (Gen.), D. C.
 Arrington, Paul Jackson (Com.), Va.
 Atherton, Jack Griffin (Pre-Med.), D. C.
 Aud, Constance Rosemond (Gen.), Md.
 Austin, Joseph Manning (Com.), Va.
 *Bacon, Arthur S. (Pre-Legal), D. C.
 †Baden, Hester Beale (Gen.), D. C.
 †Bailey, Conner G. (Pre-Med.), D. C.
 †Baker, Alida A. (Gen.), N. H.
 Baker, Elmer LeRoy (Gen.), D. C.
 Baker, James Ralph (Com.), Okla.
 Baker, Louise Morrison (Gen.), D. C.
 Baldwin, Charles Erwin (Com.), D. C.
 Baldwin, Mary Cordelia (Gen.), D. C.
 Ball, Caroline Steward (Gen.), D. C.
 *Ballance, Hurnden Roswell (Pre-Legal), Ill.
 *Ballard, Charles Albert (Gen.), D. C.
 Balster, Charles Kohler (Pre-Med.), D. C.
 Bano, Gertrude Hortense (Gen.), D. C.
 Bangarter, Mary Louise (Gen.), D. C.
 *Banks, Charles Ernest (Pre-Legal), Pa.
 Banks, Charles Robinson (Com.), N. J.
 Bannerman, Catherine T. (Gen.), D. C.
 *Banta, Josephine (Gen.), Idaho
 Bardsley, Helen F. (Gen.), Pa.
 *Barkman, William Ernest (Gen.), D. C.
 *Barnett, Lois Lucille (Gen.), Md.
 Barnhart, Ruth Anthony (Gen.), D. C.
 Barr, Henrietta (Gen.), D. C.
 Barton, Elaine (Gen.), D. C.
 Bartsch, Henry G. (Gen.), D. C.
 Bateman, Lulu May (Gen.), Ind.
 Bates, Sturgis Goodwin, Jr. (Gen.), Ky.
 Bathgate, Harry Owen (Pre-Legal), Pa.
 *Battle, Mary White (Gen.), D. C.
 Baukhages, Frederick Edwin (Pre-Legal), D. C.
 Baum, Evelyn (Gen.), D. C.
 Baum, Oscar, Jr. (Com.), D. C.
 Bawell, Ruth Amanda (Gen.), D. C.
 †Beach, Arthur Eugene (Pre-Legal), D. C.
 Beagle, Regina Victoria (Gen.), D. C.
 Beal, Annie Fletcher (III), Mo.
 †Beard, Alfred Bary (Pre-Med.), D. C.
 Beard, Mary Lewis (Gen.), D. C.
 Beattie, Daniel Currie (Pre-Med.), D. C.
 *Beavers, Alma Anson (Gen.), Ind.
 Beck, Flossie Arizona (Pre-Legal), D. C.
 Becker, Edna Marie (Gen.), D. C.
 †Becker, Gilbert Michael (Gen.), Minn.
 Becker, Hilda Cathryn (Gen.), D. C.
 Bein, Katie (Pre-Legal), D. C.
 Bell, Philip Fletcher (Gen.), D. C.
 †Beller, Leona Marie (Gen.), Wis.
 †Belman, Abraham (Pre-Legal), Conn.
 †Belton, Richard Joy (Gen.), Mass.
 Bendheim, Leroy Schwartz (Pre-Legal), Va.
 *Bennett, Alfred L. (Gen.), D. C.
 Benson, Jesse Elmer (Gen.), Md.
 *Bent, John William, Jr. (Com.), Colo.
 Bentley, Thomas Bernard (Gen.), D. C.
 Benzing, Norman Lloyd (Com.), Md.
 *Bercaw, Emily Hickman (Gen.), D. C.
 Bercaw, Louise Oldham (Gen.), D. C.
 †Bergstrom, Carl (Pre-Legal), D. C.
 Berry, Anna Mary (Gen.), Ind.
 Berry, Charles Oscar (Pre-Legal), D. C.
 *Berry, Etta Elisabeth (Gen.), Ind.
 *Berry, Joseph Gilbert (Pre-Legal), Va.
 Berryhill, Guy Robinson (Com.), D. C.
 *Best, Beessie Janet (Gen.), Pa.
 Best, Etta Evelyn (Gen.), D. C.
 Best, Mabel Bishop (Gen.), D. C.
 Betts, Mary Elizabeth (Gen.), D. C.
 Beville, Hugh Malcolm, Jr. (Pre-Legal), D. C.
 Bickford, Mildred Fay (Gen.), D. C.
 †Billings, Wesley Whitmore (Gen.), D. C.
 *Birch, Herbert McFarlan (Pre-Med.), D. C.
 Birdseye, Charles Whitney (Pre-Legal), D. C.
 Bisselle, John William (Pre-Legal), Md.
 Bitman, Samuel (Gen.), D. C.
 Black, Lydagene (Gen.), Tex.
 *Blackburn, Henrietta E. (Gen.), Ky.
 Blandford, Agnes C. (Com.), D. C.
 Blanton, Joseph Edwin (Gen.), Tex.
 Blaurock, Veronica F. (Gen.), N. Y.
 Blick, Charles Arrington (Gen.), Va.
 Block, Christine Alberta (Gen.), D. C.
 *Blount, Henry Fitch (Pre-Med.), Fla.
 Blumenfeld, Rose Babette (Gen.), Va.
 Boardman, Florence Mary (Gen.), D. C.
 Bobys, Milton Jerome (Pre-Med.), D. C.
 Bock, Helen Elizabeth (Gen.), Md.
 Bogman, James Henry B. (Com.), D. C.
 Bogorad, Clara (Pre-Med.), D. C.
 Bogue, Delia Frances (Gen.), D. C.
 Bolton, Guy Taylor (Gen.), D. C.
 Bond, Ned Alfred (Pre-Legal), Va.
 Bond, Samuel Hasen (Pre-Legal), Ill.
 *Bondurant, John Charles (Com.), Ala

- *Bondurant, Ruth Abererombi (Gen.), D. C.
 Boone, Daniel Franklin (Pre-Legal), D. C.
 Boote, Ella Marie (Gen.), Pa.
 Booth, Betsey Bygate (Gen.), D. C.
 Booth, Ward E. (Gen.), Pa.
 Bornstein, Isadore Jerome (Pre-Legal), D. C.
 Bougie, James Albert (I), Pa.
 *Bouve, Margaret (Gen.), Md.
 Bowen, Paul Ivan (Com.), Pa.
 Bowman, Joseph Myers (Gen.), Md.
 Bowman, Kimberly (Gen.), Md.
 Bowman, Marjorie Virginia (Gen.), W. Va.
 *Boyer, Roy Rhoades (Gen.), D. C.
 *Boyer, Ruth Naomi (Gen.), D. C.
 †Bonierich, John (Pre-Med.), Utah
 Braddy, Susan A. (Gen.), N. C.
 Braden, Wheeler Eugene (Pre-Med.), D. C.
 Bradfield, Frank Willis (Pre-Legal), Tex.
 Bradley, James Blake (Pre-Legal), D. C.
 Brady, Elizabeth Lowry (Gen.), D. C.
 Brandt, Henry William (Gen.), D. C.
 Brann, Susie Blanche (Gen.), Va.
 Brashers, Mildred Maybelle (Gen.), D. C.
 Brass, Morris (Pre-Med.), Mass.
 Braswell, Marie Louise (Gen.), D. C.
 Brawner, William Walker (Gen.), D. C.
 *Brayton, Alva Herkimer (Gen.), D. C.
 *Brazelton, Irving Hood (Pre-Legal), D. C.
 Brewster, Donald Dennis (Gen.), Ind.
 *Briggs, Florence Estelle (Gen.), Ill.
 Briggs, Luther Stewart (Com.), D. C.
 *Broadbent, Frank Clifford (Gen.), D. C.
 Broadbent, Janet Stevery (Gen.), Md.
 Brookfield, Lucy Montgomery (Gen.), Va.
 *Brosnihan, Julia Theresa (Gen.), Mass.
 Brown, Anita Belle (Gen.), D. C.
 †Brown, Carey Wilson (Gen.), N. C.
 *Brown, Raymond Jackson (Gen.), Va.
 Browne, Herbert Collier (Pre-Legal), D. C.
 Brunner, Charles Calvin (Gen.), D. C.
 Brunzell, Robert Louis (Gen.), D. C.
 *Bryan, Frank Bruce (Pre-Legal), D. C.
 Bryan, Irving (Pre-Med.), D. C.
 †Bryant, Robert Murray, Jr. (Gen.), Va.
 †Buchanan, William (Pre-Legal), Okla.
 Buck, Everett Henry (Com.), D. C.
 Buck, Sherman D. (Pre-Legal), W. Va.
 Buckingham, Donald (Gen.), D. C.
 Buckingham, Winifred (Gen.), Ky.
 Budding, Herbert Nelson (Com.), D. C.
 *Bueno, Encenio Batara (Gen.), P. I.
 Bunch, Robert Andrew (Pre-Med.), D. C.
 Burge, Roy L. (Gen.), Canada
 Burger, Eleanor Maxine (Gen.), Va.
 *Burnett, Burton Elmer (Pre-Legal), Minn.
 Burrows, Joseph Franklin (Com.), D. C.
 *Bursley, Howard (Gen.), Md.
 Butler, William Clayton, Jr. (Gen.), D. C.
 Byer, Maurice Yale (Pre-Med.), N. J.
 †Byng, Edna May (Gen.), D. C.
 *Byrne, Edward Munson (Gen.), D. C.
 Caballero, Jose Capo (Pre-Med.), Porto Rico
 Caffey, Robert Arnold (Pre-Legal), D. C.
 Callejas, Carlos Rafael (Com.), Honduras
 Callohan, Cora Virginia (Gen.), Va.
 Cameron, Louisa Belle (Gen.), D. C.
 Campbell, Barbara Montley (Gen.), Iowa
 †Campbell, Eva (Gen.), D. C.
 Campbell, Walter Bowden (Pre-Legal), D. C.
 Campbell, Warren Buchanan (Gen.), Mich.
 Caplan, Max (Pre-Legal), D. C.
 Caples, William Goff (Gen.), D. C.
 †Carey, Willard Foster (Gen.), D. C.
 Carlson, Ruth M. (Gen.), D. C.
 †Carr, Everett Raymond (Gen.), Okla.
 Carrieco, Charles Arthur (Gen.), D. C.
 *Carroll, Addie May (Gen.), Miss.
 Carroll, Charles Troll (Pre-Med.), D. C.
 †Carver, Everard Judd (Gen.), Wis.
 †Cate, Julian Small (Gen.), D. C.
 Cate, Leah M. (Gen.), Vt.
 †Cayne, Wynnfred (Gen.), D. C.
 *Celander, Esther A. (I), Ill.
 †Chamberlain, Buelah Lee (Gen.), D. C.
 Chambers, Martha Clepton (Gen.), Va.
 Chumblin, Margaret (Gen.), Va.
 Chapin, Ida Florence (Gen.), Pa.
 *Chapman, Lucile B. (Gen.), D. C.
 Chase, Harriett Mae (Gen.), N. Y.
 Cheyney, Harold Eglin (Gen.), D. C.
 Chipman, Elizabeth Louise (Gen.), D. C.
 Clapham, Isabel Gordon (Gen.), D. C.
 Clapper, Emory W. (Pre-Legal), Pa.
 *Clark, George Paul (Pre-Med.), Pa.
 Classens, Cornelius Paul (Gen.), Mich.
 Classens, Robert Leon (Com.), Mich.
 Clement, Armin Gerard (Gen.), D. C.
 Cliff, Arthur Edgar (Pre-Med.), D. C.
 *Clinedinst, Virginia Lockhart (Gen.), D. C.
 *Coberth, Lenora Virgie (Gen.), D. C.
 Cooke, Henry Teller (Gen.), D. C.
 Cokerille, Gladys May (Gen.), D. C.
 Cockrill, William Russel (Com.), Va.
 Coffman, Annabel Mae (Com.), Va.
 *Cogswell, Richard Upton (Gen.), N. H.
 *Cohen, Abraham Joseph (Pre-Med.), N. Y.
 Coker, Beulah Mildred (Gen.), Md.
 Cole, Ruth (Gen.), D. C.
 Cole, Virginia Agnes (Gen.), D. C.
 *Coleman, Milton Ray (Com.), D. C.
 *Collier, Emmett Garland (Gen.), D. C.
 Collier, Helen Virginia (Gen.), D. C.
 †Collier, Raymond Jones (Gen.), D. C.
 †Collins, Carlton, Jr. (Pre-Legal), D. C.
 †Collins, John Paul (Gen.), D. C.
 Colton, Bruce Stranger (Pre-Legal), D. C.
 Colton, Grace Blackstone (Gen.), D. C.
 *Comiskey, Mary Margaret (Gen.), D. C.
 †Conerly, Thelma Maye (Gen.), D. C.
 Connolly, Helen L. C. (Gen.), Mass.
 Cook, Edward Russell (Gen.), Md.
 *Cook, Mary T. (II), D. C.
 †Cooke, Sydney Marwien (Gen.), N. J.
 Cooper, Artie Heloise (Gen.), Pa.
 Cooper, Marion Virginia (Gen.), D. C.
 *Corning, Marcella Isabelle (Gen.), D. C.
 Coult, May (Gen.), N. H.
 *Cousins, Florence Elizabeth (Gen.), D. C.
 †Cragan, John Wiley (Pre-Legal), D. C.
 †Craig, Arline Rankin (Gen.), Va.
 Crans, Lillian (Gen.), D. C.
 Crawley, Catherine Armiger (Gen.), Md.
 *Creager, Margaret Mary (Gen.), Md.
 *Creel, Annie L. (Pre-Legal), D. C.

- *Crim, Mary Ethel (Gen.), S. C.
 Crofts, Paul Herbert (Com.), D. C.
 Crouch, Myrtle Vines (Gen.), D. C.
 Cunningham, John, Jr. (Pre-Legal),
 Iowa
 Cushman, Robert Wood (Com.), Md.
 Dade, Thelma Baines (Gen.), D. C.
 *Dady, Ray Emmett (Pre-Legal), D. C.
 *Dalgleish, Mary Evelyn (Gen.), D. C.
 Dalton, John Joseph (Com.), Vt.
 Dameron, Carlton Dewey (Pre-Legal),
 Va.
 Danforth, Paul Emerson (Pre-Legal),
 D. C.
 Daudt, Dorothy M. (Gen.), D. C.
 Davis, Emily Cleveland (Gen.), D. C.
 Davis, James White (Gen.), D. C.
 Davis, Leonard Rogeris (Gen.), D. C.
 Davis, Muriel Birchfield (Gen.), D. C.
 Day, Katherine Susanne (Gen.), D. C.
 Deardoff, Evelyn Frances (Pre-Legal),
 D. C.
 DeBruler, Curran John (Pre-Legal), D. C.
 *Decker, Dorothy Ferne (Pre-Legal),
 Ohio
 DeKay, Elisabeth Mary (Gen.), Va.
 Delaney, Edward John (Pre-Med.), N. Y.
 *Delaney, Walter John (Pre-Legal), D. C.
 Delgreco, Arthur Leo (Pre-Med.), Conn.
 Denicke, Clem Joseph (Pre-Legal), Fla.
 Denicke, Rita Clementine (Gen.), D. C.
 Denning, Julia Lee (Gen.), D. C.
 *Desaulles, Joannette Elizabeth (Gen.),
 Md.
 DeSilvia, Maxine Madeleine (Gen.), D. C.
 *Detweiler, John Archibald (Gen.), D. C.
 Detwiler, Benjamin Howard (Gen.), D. C.
 DeVoe, Maxwell Alvord (Gen.), D. C.
 Diamond, Gustave (Pre-Med.), N. J.
 Dick, Dorothy K. (Gen.), Colo.
 Dick, James McFadden, Jr. (Gen.), Md.
 †Dickinson, Catherine Agnes (Gen.),
 D. C.
 *Dickinson, Eldred G. (Com.), D. C.
 Dickinson, William Jeter (Pre-Legal),
 D. C.
 †Diedel, Caroline Virginia (Pre-Legal),
 D. C.
 Diets, John Edward (Com.), D. C.
 Diffenderfer, George Mervin (Gen.),
 D. C.
 Dillon, Ralph H. (Pre-Med.), N. C.
 Disney, Loren Garrison (Pre-Legal),
 Okla.
 †Donesa, Alfonso P. (Gen.), P. I.
 Dorsey, Harryman (Pre-Legal), D. C.
 *Dorsey, James Andrew, Jr. (Pre-Legal),
 Mass.
 Dower, William Ambrose (Pre-Legal),
 D. C.
 Drake, Elizabeth Kerfoot (Gen.), D. C.
 Driebelbis, Clarence E. (Gen.), D. C.
 DuBose, Louise Pierce (Gen.), D. C.
 †Duehay, Edith (Gen.), D. C.
 Duffies, Stanley Brittain (Gen.), Wis.
 Duncan, James (Gen.), Md.
 †Dunnington, Louise Andrews (Gen.), Va.
 *Durand, Mildred May (Pre-Legal),
 D. C.
 Durkee, Stanley Robbins (Gen.), D. C.
 Duvall, Lindsay Opie (Pre-Med.), D. C.
 Duvall, Margaret Tracey (Pre-Legal),
 D. C.
 Dwyer, Adelaide (Gen.), D. C.
 Dwyer, Helen Berrie (Com.), D. C.
 Eager, Howard Francis (Gen.), Mich.
 Eastman, Elisabeth Mary (Gen.), D. C.
 Eaton, Sterling (Gen.), D. C.
 Eberly, Daniel Christian (Gen.), D. C.
 Echols, Richard John (Gen.), W. Va.
 Eckel, Julia Dibbles (Gen.), D. C.
 Eddy, Grace M. (Com.), D. C.
 *Edelson, Bella (Gen.), D. C.
 Edgerton, Justin Lincoln (Pre-Legal),
 Va.
 Edmonston, Raphael Allen (Pre-Med.),
 D. C.
 *Edwards, Elizabeth (Gen.), Calif.
 Egil, Marian Evelyn (Gen.), D. C.
 Ehrman, Joseph (Pre-Med.), D. C.
 Eicher, Virginia Gallaher (Gen.), Pa.
 Eidhammer, Carolyn Elizabeth (Gen.),
 Va.
 Eiker, Georgia Gregg (Gen.), D. C.
 Eisenberg, Herman (Pre-Med.), D. C.
 Elefsiades, Lois (Gen.), Smyrna
 Ellis, Dorothy Howard (IV), D. C.
 *Ellis, Marion Frances (Gen.), D. C.
 †Ellsworth, Ruth Meredith (Pre-Legal),
 Utah.
 Elsberry, E. Lyle (Com.), N. Dak.
 Emge, Louise Genevieve (Gen.), Ind.
 Emms, Welby S. (Pre-Legal), Utah.
 †Engler, Ruth Zelleth (Gen.), Wis.
 Enyart, Byron K. (Com.), D. C.
 Epstein, Simon (Pre-Legal), D. C.
 Ershler, Irving (Pre-Med.), N. Y.
 Ervin, Raymond Weeks (Gen.), Md.
 Esch, Evelyn Mildred (Gen.), D. C.
 *Espey, Alice Virginia (Gen.), D. C.
 Espinosa, Jose Edmundo (Com.), N.
 Mex.
 Evans, Charles William (Gen.), Tex.
 *Evans, Harvey Lee (Gen.), D. C.
 Evans, Mary Elizabeth (Gen.), Va.
 Evans, Verna Grace (Gen.), D. C.
 Evans, Violet (Gen.), Pa.
 *Everett, Lucile Kennedy (Gen.), D. C.
 Fadden, Anna Genevieve (Gen.), Va.
 Farley, Ray Francis (Pre-Med.), N. J.
 Farmer, Bessie (Gen.), D. C.
 Fastow, Irving Jack (Pre-Med.), N. J.
 Faunce, Winifred Margaret (Gen.), D. C.
 Ferguson, Claudine (Gen.), D. C.
 Ferguson, Robert Clark (Gen.), N. Y.
 *Fields, Henry L. (Pre-Legal), N. Mex.
 Finks, Elizabeth Louise (Gen.), Va.
 *Finn, Arthur Bernard (Com.), Ind.
 Finney, Cecil Glen (Pre-Legal), W. Va.
 *Fishback, James (Gen.), D. C.
 Fitzpatrick, Rosemary (Gen.), W. Va.
 Fleck, Charles Hayden, Jr. (Gen.), Pa.
 Fleck, James Hering (Com.), Pa.
 *Fleischman, Charles (Pre-Legal), D. C.
 *Fleming, William Wright (Pre-Legal),
 D. C.
 Fletcher, Evelyn Renn (Gen.), D. C.
 Fletcher, Laura Leigh (Pre-Med.), Va.
 Florence, Sue Adeline (Gen.), Va.
 *Flourney, Harold Hoxley, Jr. (Pre-
 Med.), D. C.
 Folsom, Marjorie Theodora (Pre-Med.),
 D. C.
 Ford, Donna Leslie (Gen.), D. C.
 Ford, John Arthur (Com.), D. C.
 Ford, Regina Marceline (Gen.), P. I.
 Forsyth, Thomas Carlton (Gen.), D. C.
 Foster, George Nelson (Pre-Legal), D. C.
 †Foster, Henry Lockwood (Pre-Legal),
 D. C.

- †Fowler, Harriett Matilda A. (Gen.), D. C.
 *Francis, Virginia Gretchen (Gen.), D. C.
 †Franklin, Dorothy May (Gen.), D. C.
 *Fratantuono, Rose Natale (Gen.), D. C.
 *Frazier, Melvin Sidney (Gen.), N. Dak.
 *Frazier, Vernon Allen (Gen.), N. Dak.
 *Freidson, Isadore (Pre-Med.), Va.
 *Freriks, Bertha (Gen.), Wis.
 *Frethey, Lawrence Jay (Gen.), N. Y.
 †Friedman, Irving (Pre-Med.), N. Y.
 *Frydell, Thomas Atkins (Gen.), D. C.
 *Fulkerson, Katherine Alleman (Gen.), D. C.
 †Fuller, George Milton (Pre-Legal), D. C.
 Fuller, Ines Laura (Gen.), Mich.
 *Funk, William Harris (Gen.), Ind.
 Funkhouser, Ruth Biller (Gen.), D. C.
 *Furminger, Carlos Paul (Pre-Med.), D. C.
 *Furniss, Mary Tucker (Gen.), D. C.
 Furr, Rose (Gen.), D. C.
 Furr, Sadye (Gen.), D. C.
 Fusch, Emma Tom (Gen.), Tenn.
 †Gahm, Holdor Louis (Gen.), Ohio.
 †Gallagher, Agnes Monica (Gen.), Pa.
 Garber, Elizabeth Mae (Gen.), D. C.
 Gardner, Eileen Adelle (Gen.), N. C.
 Gardner, Paul (Gen.), Calif.
 *Garrett, Olive Rebecca (Gen.), D. C.
 †Garry, James Power (Com.), Mass.
 Gates, Catherine Uroka (Gen.), D. C.
 †Gatti, Richard Stephen (Pre-Legal), D. C.
 Geiger, Barbara Rimmel (Com.), D. C.
 *Georgetti, Dante Reginald (Pre-Legal), Mass.
 Gerry, Phillippa E. (Gen.), D. C.
 Getty, Caroline Bryant (Gen.), Md.
 *Gilbert, Leo E. (Com.), D. C.
 Gilmore, Marguerite Elizabeth (Com.), Pa.
 Ginberg, Louis (Pre-Legal), D. C.
 *Gingell, Fern Sylvester (Gen.), D. C.
 Gise, Grace Susie (Gen.), Kansas.
 Glaser, Dora (Gen.), D. C.
 Glover, Elmer Wheeler, Jr. (Pre-Legal), Ohio.
 Glover, George Francis (Gen.), D. C.
 Glover, Mervin Wilbur (Pre-Med.), D. C.
 Glueck, Rose (Pre-Med.), D. C.
 *Goldberg, William David (Pre-Legal), D. C.
 Goldman, Benjamin (Pre-Med.), D. C.
 Goldman, Joseph (Pre-Med.), D. C.
 *Gonralen, Juan Ernesto (Gen.), Porto Rico.
 Gooch, Donald Willis (Gen.), D. C.
 Goodrich, Maxie Viola (Gen.), D. C.
 Gordon, Richard Care (Com.), Miss.
 †Gorham, Warren Abbott (Gen.), D. C.
 *Gowland, Lewis James (Gen.), Okla.
 †Grace, Mary Frances (Gen.), D. C.
 Graham, Alice Archer (Gen.), D. C.
 *Granados, Luis (Com.), Md.
 Graves, Ruth Violet (Gen.), Del.
 Gray, Dorothy, (Gen.), D. C.
 †Greasley, Eleanor Frances (Gen.), D. C.
 †Greeley, Merritt A. (Gen.), Iowa.
 *Greenberg, Dora Gertrude (Gen.), D. C.
 Greenwood, Ruth (Gen.), D. C.
 Griffin, Bettie Lena (Gen.), D. C.
 Grigaby, Mary Ernestine (Gen.), D. C.
 †Grimm, James William (Pre-Legal), Ohio.
 †Gronvold, Ingeborg (Gen.), Minn.
 Grosh, Mary Elizabeth (Com.), D. C.
 Grossberg, Solomon (Com.), D. C.
 Grutalk, Frank Edward (Pre-Legal), Wis.
 †Guidroz, Burt Vallery (Gen.), La.
 *Gunther, Clarence Stanford (Gen.), D. C.
 *Gunther, Joseph Wendle (Gen.), D. C.
 *Gurley, Rever Babcock (Pre-Legal), Va.
 Haberberger, Francis Anthony (Pre-Legal), D. C.
 *Hacking, Lillian Edwina (Gen.), N. H.
 †Hacela, Adolph Paul (Gen.), D. C.
 Haddox, Eleanor Yates (Gen.), Md.
 Hagen, Norman Randolph (Pre-Legal), Minn.
 Hall, Augusta Mae (Gen.), W. Va.
 Hall, Eleanor Florence (Gen.), D. C.
 Hall, Elizabeth Beamish (Gen.), D. C.
 Hall, Louis William (Pre-Legal), Okla.
 Hall, Thomas Randolph 3rd (Pre-Legal), Md.
 Halley, Thelma Mae (Gen.), D. C.
 Halsey, Elizabeth (Gen.), D. C.
 Hammer, Willard Lee (Gen.), D. C.
 Hammerness, Clarence (Gen.), Mont.
 *Hansen, Paul William (Gen.), Idaho.
 *Hanson, Thomas Read (Com.), N. Mex.
 Hardy, William, Jr. (Com.), D. C.
 Harper, Robert M. (Pre-Med.), D. C.
 †Harris, Gertrude Leah (Gen.), D. C.
 Harrison, Lolla Smith (Gen.), D. C.
 *Harrison, Virginia Lynn (Gen.), D. C.
 Harrow, Elizabeth (Gen.), N. Y.
 Hart, Ruth (Pre-Med.), Fla.
 Hartman, Jacob Landes (Gen.), D. C.
 †Hartman, Alida Dykna (Gen.), D. C.
 *Haskin, Jennings Nagel (Gen.), D. C.
 *Haskins, Anne Meade (Gen.), Va.
 †Hayes, Mary Dorothy (Gen.), N. Y.
 Hayman, Reuben Raymond (Pre-Legal), Va.
 †Healy, James Francis (Pre-Legal), Conn.
 Heavener, John Haven (Com.), D. C.
 *Hechmer, Marie Antonette (Com.), D. C.
 Heid, Frances Evelyn (Gen.), D. C.
 Heilman, Charles (Pre-Med.), D. C.
 Heins, Fred (Pre-Legal), Mo.
 Held, Emma Lee Louise (Gen.), D. C.
 Henderson, Hammond Forse (Gen.), D. C.
 †Henninger, Pern Emerson (Gen.), Pa.
 Herbert, Estelle E. (Gen.), Md.
 *Herman, Morgan Frederick (Gen.), N. Y.
 Herndon, Ann Christian (Gen.), D. C.
 *Hessian, Delia Elizabeth (Gen.), D. C.
 †Hetherington, Betty (Gen.), D. C.
 *Heupel, August Koehler (Gen.), D. C.
 Hiatt, Jefferson Harold (Pre-Legal), Iowa.
 *Hickey, Gertrude (Gen.), D. C.
 *Hiett, Mary (Gen.), Md.
 Hiley, Julia Martha (Gen.), D. C.
 Hill, Anna Elizabeth (Gen.), Pa.
 Hill, Isaac William, Jr. (Gen.), D. C.
 Hill, John Clement (Com.), Pa.
 Hill, Neva Grace (Gen.), W. Va.
 Hilland, Arthur Jonathan (Gen.), Iowa.
 †Hines, Gordon (Gen.), Conn.
 Hoago, Alden W. (Com.), D. C.
 †Hobbs, Joseph Braddy (Gen.), D. C.
 †Hobbs, Kenneth Lancaster (Gen.), Md.
 *Hobbs, Mary Louise (Gen.), D. C.

- Hoge, Edith Straub (Gen.), D. C.
 Hoge, Mary Hiden (Gen.), D. C.
 †Hohn, Roland Gilbert (Gen.), Minn.
 Holden, Beulah Odell (Gen.), Me.
 Hollingshead, Evelyn Hazel (Gen.), D. C.
 Hollister, Mabel Primmer (Gen.), Wis.
 Holt, Charles Leonidas (Gen.), D. C.
 Hooe, Margaret (Gen.), D. C.
 (Deceased)
 Holt, William Luke (Gen.), D. C.
 Hooker, Vernon G. (Pre-Med.), D. C.
 †Hopkins, Virginia Louise (Gen.), Conn.
 Horn, Bernardine Elizabeth (Gen.), D. C.
 *Horn, Mary Cecilia (Gen.), D. C.
 Horton, Adah (Gen.), D. C.
 Horton, Mary Cooley (Gen.), Mich.
 Houser, Ralph H. (Com.), D. C.
 Houser, Ruth Elizabeth (Gen.), D. C.
 Howard, Joseph Stansberry (Com.), Va.
 Howard, Ruth Morrison (Gen.), D. C.
 *Howard, Thomas Monroe (Gen.), N. Mex.
 *Howard, Thomas Peyton (Gen.), D. C.
 Howe, Sarah Louise (Gen.), N. Y.
 Howlett, James Bigbie (Gen.), D. C.
 Hughes, Clarence M. (Gen.), D. C.
 *Hughes, John Huston (Com.), Pa.
 *Huhn, Helen Christine (Gen.), D. C.
 †Hull, Raymond MacAllister (Com.), Mass.
 †Hulah, George Mitchell (Gen.), Nebr.
 †Hummer, Hiram Walter (Gen.), Okla.
 Humphrey, Estella (Gen.), Md.
 Humphrey, Helen Wadsworth (Gen.), Md.
 Humphrey, Robert R. (Gen.), Md.
 Hunnicutt, Edward Harold (Gen.), D. C.
 Hunt, Katherine Tyler (Gen.), Idaho
 *Hunter, Thomas Marion (Pre-Legal), D. C.
 Huntley, Roberta Anna (Gen.), Minn.
 Iden, Oscar Glenn (Gen.), D. C.
 Ifft, Lewis Roberts (Com.), D. C.
 Iglehart, Esther Garland (Gen.), Md.
 *Igo, Robert Vincent (Pre-Med.), Pa.
 †Irland, Max Joslyn (Pre-Legal), Mich.
 Iubatti, Mary (Gen.), Colo.
 Jacoby, Elizabeth G. (Gen.), Md.
 James, Frances Pauline (Gen.), D. C.
 Jarman, Thomas Smythe (Pre-Legal), Md.
 †Jefferys, Robert Larew (Gen.), W. Va.
 Jensen, Leonard David (Pre-Legal), Utah
 Jessop, Clara Mildred (Gen.), Mass.
 Jett, Catherine Elinor (Gen.), D. C.
 John, Byron Wilson (Gen.), Md.
 *Johnson, Corinne A. (Gen.), D. C.
 *Johnson, Cyrus (Gen.), Md.
 *Johnson, Edith Jeanette (Gen.), Kans.
 *Johnson, Esther H. (Gen.), D. C.
 *Johnson, Myrta Lillian (Gen.), D. C.
 Johnson, Raymond Paul (Gen.), Ill.
 †Johnson, Richard F. (Gen.), D. C.
 *Johnson, Rosemond (Gen.), D. C.
 *Johnson, Sherman Elbridge (Gen.), Kans.
 †Johnston, Hazel (Gen.), Fla.
 Jones, Burnelle (Gen.), D. C.
 Jones, Marvin Zell (Gen.), Md.
 Jones, Wesley William (Com.), D. C.
 Jordon, Ina B. (Gen.), Me.
 Joyce, Maurice Humphreys (Gen.), D. C.
 Joyner, Asbury Pinckard (Pre-Legal), D. C.
 Jumpa, Hazel V. (Gen.), Wis.
 Junkin, Kathryn VonIckes (Com.), D. C.
 Kail, Benjamin Morton (Pre-Legal), Pa.
 Kalnoski, William Joseph (Gen.), Pa.
 Kaminsky, Rosalie (Gen.), D. C.
 Kardys, John Albert (Pre-Med.), Conn.
 *Kata, Morris (Pre-Legal), Conn.
 *Kauffman, Henry Julian (Gen.), D. C.
 Kean, Eveline Prescott (Gen.), La.
 Keefe, Edwin Harvey (Com.), D. C.
 Keegin, Beatrice Elizabeth (Gen.), D. C.
 Keeler, Clyde Proper (Gen.), Md.
 *Keener, John Rankin (Pre-Legal), D. C.
 *Keightly, Almeda Frances (D. Ill.
 Keith, William Price (Gen.), Va.
 Kendall, Paul (Gen.), W. Va.
 Kennedy, Clephane (Gen.), D. C.
 Kennedy, Kate (Gen.), D. C.
 *Keough, Bayard Cole (Gen.), D. C.
 Keough, Paul Hamilton (Pre-Legal), D. C.
 Kephart, Olga A. (Gen.), D. C.
 Ker, Annita Melville (Gen.), D. C.
 Keren, Barney Joseph (Pre-Med.), D. C.
 †Kerlin, Gerald Thomas (Pre-Legal), Iowa
 Kernan, Ruth Taylor (Gen.), D. C.
 †Kerr, Helen Pratt (Gen.), D. C.
 Kettering, James H. (Pre-Med.), D. C.
 Key, Ernest Dayton (Gen.), N. Mex.
 Kiefer, Earl Algie, Jr. (Pre-Legal), Md.
 Kilbourne, Betty Gordon (Gen.), D. C.
 Killarney, Francis Michael (Pre-Legal), Mass.
 *Kindred, Marion (Gen.), Colo.
 King, Mary Mayes (Gen.), Mo.
 †Kinney, Jerome Frank (Pre-Legal), D. C.
 Kirn, Barry Norman (Pre-Legal), Mich.
 Klatskin, Morris Aaron (Pre-Legal), D. C.
 Kleeblatt, Lillian Audrey (Gen.), D. C.
 Klepinger, Robert F. (Pre-Legal), Ohio.
 Kline, Muriel Marie (Pre-Med.), Ark.
 †Kluft, Nathan (Pre-Legal), D. C.
 Knapp, Margaret Eagelman (Gen.), D. C.
 Knauer, Dorothea (Gen.), Wis.
 Knauff, Pauline (Gen.), D. C.
 Knight, Perle (Gen.), Ala.
 *Knowles, Olive Ella (Gen.), Mo.
 Knowlton, Frances Jessie (Gen.), D. C.
 Koch, Victor Emanuel (Pre-Legal), Mo.
 †Kohler, John Francis M. (Gen.), Ohio
 Kohn, Eva (Gen.), D. C.
 *Kolker, Lillian (Gen.), D. C.
 Kossow, Morris (Pre-Med.), D. C.
 †Krebs, William Lawrence (Gen.), D. C.
 *Krise, Edward Morley (Pre-Legal), D. C.
 Kruener, Andrew Roy (Pre-Legal), N. J.
 *Kronheimer, Harry Herman (Pre-Med.), D. C.
 Kronman, Betty Kay (Gen.), D. C.
 Kunde, Edna Adele (Pre-Med.), Ind.
 Kurts, Herbert George (Pre-Med.), Pa.
 Kushelevsky, Charlotte Lucille (Gen.), D. C.
 *Lacey, Herbert Lyvinn (Gen.), D. C.
 *LaFlamme, Rene Joseph (Pre-Med.), Vt.
 Laizure, Mary Elizabeth (Gen.), D. C.
 LaMaster, Frank (Pre-Med.), D. C.
 *Lambase, Rose Mary (Gen.), D. C.
 Lane, Eugenia Marian (Gen.), D. C.
 Larsen, Christine (Gen.), Ga.
 Lasica, Sophronia Sloan (Gen.), Ky.

- Laskey, Virginia (Gen.), D. C.
 Latterner, Virginia Burke (Gen.), D. C.
 Lavender, Frances (Com.), D. C.
 *Lawhon, Helena (Gen.), Va.
 Lawrence, Claude Thomas (Com.), D. C.
 *Lawrence, Rose Adeline (Gen.), Md.
 *Leach, Sanford Burdette (Pre-Med.), D. C.
 †Laman, Greenville M. (Gen.), Md.
 Leavitt, Roswell (Gen.), Mont.
 Lee, Martha Ellen (Gen.), D. C.
 Lee, Mary Virginia (Gen.), Ill.
 Lents, Margaret Elizabeth (Gen.), D. C.
 *Leonard, Eugene Aloysius (Pre-Legal), Pa.
 *Leonard, Verne Lura (Gen.), Mass.
 Leonardo, Salvatore Ercole (Pre-Legal), D. C.
 Lepley, May (Gen.), D. C.
 Lepman, Harry (Pre-Med.), D. C.
 LeRoy, John (Gen.), D. C.
 †LeRoy, Nicholas Joseph (Pre-Med.), Conn.
 Letofsky, Samuel (Pre-Med.), N. Y.
 Levine, Harry (Gen.), N. Y.
 Levine, Jude Bernard (Pre-Med.), N. Y.
 Lewis, Muriel Marjane (Gen.), Pa.
 *Lewis, Theodore David (Gen.), Va.
 Lichtenberg, Sylvia Mary (Gen.), D. C.
 *Lichtman, Samuel D. (IV), D. C.
 †Lide, John Stout (Gen.), S. C.
 Liebster, Max (Gen.), D. C.
 †Lightman, Jacob Ben (Pre-Legal), D. C.
 †Linke, Robert Newton (Gen.), D. C.
 †Little, Ruth Elizabeth (Gen.), D. C.
 Loeffler, Margaret Louise (Gen.), D. C.
 Lomax, Mark Hammond (Gen.), D. C.
 Lombard, Mabel Clare (Gen.), D. C.
 *Lovejoy, James Bernard (Com.), D. C.
 Lowe, Louella D. (Gen.), N. C.
 Luce, Clifton Hadley (Gen.), D. C.
 Ludlow, Louis Leon, Jr. (Gen.), D. C.
 Ludlow, Virginia (Gen.), D. C.
 Ludwig, Laura Emily (Gen.), Md.
 Lutz, Mary Katherine (Gen.), D. C.
 *Lynch, Helen Elizabeth (Gen.), Vt.
 Lynn, David (Pre-Legal), S. C.
 Lyon, Rowland (Gen.), D. C.
 †McAlear, Marie Lillian (Gen.), D. C.
 McAllister, Mary Stuart (Gen.), D. C.
 †McAuliffe, Alice Davida (Gen.), D. C.
 *McCormick, Manly (Gen.), Mont.
 McDermott, Grace Evangeline (Gen.), D. C.
 †McGann, Dorothy (Gen.), D. C.
 McGowan, Josephine Louise (Gen.), N. H.
 *McGugin, Verna Mary (Gen.), Ohio.
 *McIntire, Catherine A. (Gen.), D. C.
 McIntyre, Bessie (Gen.), D. C.
 McKelvey, Elizabeth Peck (Gen.), D. C.
 McKenna, Frank Xavier (Gen.), D. C.
 †McKenney, Samuel Hank (Pre-Med.), D. C.
 McLain, Frances Ambrose (Pre-Legal), Ohio.
 McLaughlin Fred Beedham (Pre-Med.), Pa.
 McMullen, Francis Bruce (Gen.), Md.
 McNeil, Ernest Samuel (Gen.), D. C.
 †McRae, Colin E., Jr. (Gen.), D. C.
 *McRae, William Duncan (Pre-Med.), Tex.
 McReynolds, William Emmet, Jr. (Gen.), D. C.
 McWilliams, Trella Phyllis (Com.), Ill.
 *MacDonald, John F. (Gen.), N. Y.
 *MacFadyen, Archie Pelham (Com.), N. C.
 †Machen, Frances Louise (Gen.), D. C.
 *Maddox, Virginia Schwab (Gen.), Va.
 *Magness, Mina Elizabeth (Gen.), D. C.
 Mahoney, Aura Dale (Gen.), Iowa.
 Malcolm, Dwight L. (Gen.), Okla.
 Manning, Rosalie (Gen.), Md.
 Marceron, Lillian (Gen.), D. C.
 Markley, Helen Rebecca (Pre-Med.), D. C.
 Marmion, Louise Duckett (Gen.), D. C.
 Marquis, John Firth (Gen.), D. C.
 *Marsh, John Dewitte (Pre-Legal), Va.
 Marshall, Frances Wilson (Gen.), D. C.
 †Martell, Helen Marie Contel (Gen.), D. C.
 Martin, Caroline Pierce (Gen.), Va.
 Martin, George B. (Pre-Legal), Kans.
 †Martin, Louise Theresa (Gen.), Ind.
 Martin, Mary Regina (Gen.), Pa.
 †Martinez, Jose (Gen.), P. I.
 Mason, Helen (Gen.), D. C.
 Mastellare, Amadeo Vicente (Pre-Med.), Panama.
 Matthews, Lucille Lawton (Gen.), D. C.
 Mats, Dorothea Glendora (Gen.), N. Y.
 *May, Alfred Albert (Pre-Med.), D. C.
 May, James B. (Pre-Legal), D. C.
 May, Virginia Louise (Gen.), D. C.
 Mayboe, Eama Retta (Gen.), D. C.
 †Mayer, Jerome Gerald (Com.), N. Y.
 †Maynard, Everett Phelps (Pre-Med.), Ill.
 Mayo, John Edward (Pre-Legal), Me.
 †Maze, Charles Adams (Pre-Legal), Ark.
 Mechelke, Lynne (Com.), Wis.
 *Meeker, Theodore Clinton (Gen.), D. C.
 *Meeks, Helen Frances (I), D. C.
 *Mellan, Gerald Bruce (Pre-Med.), Mich.
 Mendelsohn, Matthew (Pre-Med.), D. C.
 Mendelson, Israel M. (Pre-Med.), D. C.
 Mendes, Anjel M. (Pre-Legal), D. C.
 Menges, Frances Louise (Gen.), Pa.
 †Mensch, Eleanor Virginia (Gen.), Va.
 Mensel, Robert Henry (Gen.), D. C.
 Merchant, John Holt (Gen.), Va.
 Mercier, Alfred A. (Com.), D. C.
 Merrick, Vergie (Gen.), D. C.
 *Mesney, Marguerite R. (Gen.), D. C.
 Metro, Nathan Alfred (Pre-Med.), D. C.
 *Midgett, Thomas O'Neal, Jr. (Pre-Legal), D. C.
 Miley, Edith (Gen.), D. C.
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 †Miller, Jay Howard (Com.), N. J.
 †Miller, John Kenney (Pre-Legal), N. J.
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 *Milligan, John, Jr. (Gen.), N. C.
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 *Mills, Benjamin J. (Gen.), D. C.
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 Mitchell, Virginia (Gen.), Md.
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 Mohler, Clement Thomas (Gen.), Md.
 *Moler, Mina Elizabeth (Gen.), Md.

- Mondy, Bernice Elinor (Gen.), Ind.
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 Moody, Elizabeth Boorman (Com.), D. C.
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 Moore, Helen (Gen.), D. C.
 Moore, Paul Hawkins (Gen.), D. C.
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 Nelowich, Gertrude Isabelle (Gen.), D. C.
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 Nevius, Richard David (Pre-Legal), D. C.
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 *Newcomb, Anna Belle (Gen.), D. C.
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 Peterson, Thomas Hardin (Gen.), D. C.
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 Ralston, Nellie Mae (Gen.), D. C.
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 Rees, William Cheevers (Pre-Med.), Idaho
 Reho, Margaret (Gen.), D. C.

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 Renfrew, Julia Helen (Gen.), Pa.
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 *Shanley, John Joseph (Pre-Legal), D. C.
 Shanner, Charles Thomas (Pre-Legal), D. C.
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 †Shapiro, Lewis Harrison (Pre-Legal), D. C.
 *Shappiro, Lillian (Gen.), D. C.
 Sharp, Freeman Wilfred (Pre-Legal), D. C.
 *Shaw, Herbert Weller (Gen.), Md.
 †Shawen, Elsie Mae (Gen.), Va.
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 *Shearburn, Mary Page (Com.), D. C.
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 Shipman, Lois (Gen.), D. C.
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 Shreve, William Oliver (Gen.), D. C.
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 Silverman, Dave (Gen.), D. C.
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 Simmonds, Richard Lee (Gen.), D. C.
 Simon, Harry Jacob (Com.), D. C.
 †Simon, Louis (Gen.), N. Y.
 Simons, William Herzal (Pre-Med.), Conn.
 Simpson, Thomas Ferdinand (Pre-Legal), D. C.
 Simpson, William Samuel (Pre-Legal), Va.
 Sims, George Dyson (Pre-Med.), D. C.
 Singer, Samuel (Pre-Legal), D. C.
 *Sinn, Iva M. (IV), Iowa
 Sirlonis, Marjorie Angeline (Gen.), D. C.
 Sisserman, Sara (Gen.), Wis.
 Slack, Eilene M. (Gen.), D. C.
 Slechts, Marie (Gen.), D. C.
 Slipyan, Alvin (Pre-Med.), N. Y.
 †Sloope, Laura Belle (Gen.), D. C.
 Slye, George Henry (Com.), D. C.
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 Smallwood, Manuel Isadore (Pre-Med.), D. C.
 Smith, Anita Phillips (Gen.), D. C.
 *Smith, Carrie Mahalo (Gen.), Md.
 †Smith, Donald W. (Com.), N. Y.
 Smith, Earl C. (Pre-Med.), D. C.
 Smith, Eleanor Margaret (Gen.), Tenn.
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 Smith, Florence Pauline (Gen.), D. C.
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 *Smith, Gerturde (Gen.), D. C.

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*Snoddy, Minerva Aldys (Gen.), Va.
Snyder, Eleanor Parriah (Gen.), D. C.
Snyder, George Henry S. (Pre-Med.), Md.
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Soller, John (Com.), D. C.
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*Sommerville, Dorothy (Gen.), Ohio
Sorenson, John Peter (Com.), N. Y.
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Spencer, Glenn Lexington (Gen.), Kans.
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*Spiegler, Arnold Abraham (Pre-Med.), N. Y.
†Spiller, Horace G. (Com.), Tex.
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*Stakem, Thomas Edward, Jr. (Pre-Legal), Md.
Staley, Roger Keith (Pre-Legal), D. C.
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Steckley, William Mathew (Pre-Legal), Pa.
Steele, Judith Leroy (Pre-Med.), D. C.
†Steele, Virginia (Gen.), Va.
Stehman, John Herold (Gen.), Va.
Stein, David (Pre-Legal), D. C.
Stetson, Elizabeth Silliman (Gen.), Va.
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Stevens, Martha McClelland (Gen.), Tex.
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Stiries, Pauline Jo. (Gen.), N. Y.
Stockdale, Doris (Gen.), D. C.
Stockton, Lucy Rebecca (Gen.), D. C.
Stockton, Jennice (Gen.), Md.
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Stolar, Robert (Gen.), D. C.
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*Swain, William Edward (Pre-Med.), D. C.
†Swanson, Edith Margaret (Gen.),
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 Weinstein, Samuel (Pre-Med.), D. C.
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 Wheeler, Margaret (Gen.), D. C.
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 White, Marjorie (Gen.), D. C.
 White, Mary Veitch (Gen.), D. C.
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 Wilkins, Martha Elizabeth (Gen.), Va.
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 Williams, Georgia (Gen.), D. C.
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 Willis, Mary Byrd (Gen.), Ala.
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 Wilson, Ruth Spenser (Gen.), D. C.
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 Woodruff, Virginia Ford (Gen.), D. C.
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 *Woolman, Milly Loudon (Gen.), Pa.
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 Worrall, Catherine Marie E. (Gen.), D. C.
 †Wortman, Arthur Vance (Pre-Med.), D. C.
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 †Yoskum, Carroll Croydon (Pre-Legal), Tex.
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 Yochelson, Irving Bernard (Pre-Legal), D. C.
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 Young, Jean Virginia (Gen.), D. C.
 *Zalesak, Emanuel Francis (Gen.), D. C.
 †Zarin, Bernard (Pre-Legal), D. C.
 Zisman, Beatrice (Pre-Legal), D. C.

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 Abramson, Beanie (Gen.), D. C.
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 Alley, Marion Smith (Gen.), Mo.
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- McPherson, Richard Kerens (Pre-Legal), Mo.
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 Mahoney, Catherine Pearl (Gen.), Colo.
 *Malamphy, Mark Cyril (Gen.), Md.
 Manion, Esther Ann (Gen.), D. C.
 *Manlove, Harry (Gen.), Calif.
 Manning, Dorothy Carmen (Gen.), D. C.
 †Marble, Cecil Carlton (Com.), Mass.
 Marmion, Louis Preble (Com.), D. C.
 Marshall, Mary Frances (Gen.), Md.
 Marshall, Murray Linwood (Gen.), Md.
 Martin, James Louis (Gen.), Md.
 Mattox, Virginia Anne (Gen.), Va.
 Milenky, Joseph (Gen.), Conn.
 Miller, Alma Elizabeth (I), Mich.
 Miller, Beveridge (Pre-Med.), D. C.
 Minor, John Gilbert (Gen.), Ky.
 Monday, Sybil Lenore (Gen.), La.
 Moore, Ruth (Gen.), Kans.
 Morgan, Dewitte Farmer (Gen.), D. C.
 Morrow, Robert (Gen.), D. C.
 †Nayer, Frieda (Gen.), D. C.
 Naylor, Mary Bodine (Gen.), D. C.
 Nowby, Robert Eugene (Gen.), D. C.
 Nichols, John Melton (Com.), S. C.
 Nickson, Theodore Bridges (Com.), Mont.
 Noell, Mabel (Gen.), Va.
 Ogg, William Raymond (Gen.), D. C.
 Orton, Clarence F. (III), Md.
 Paine, Lexola (Gen.), Idaho.
 Poage, Waller Staples Jr. (Gen.), D. C.
 *Pollock, Robert Woodson (Pre-Legal), Calif.
 Poolo, Martha Sprigg (Gen.), D. C.
 Porter, Stella Margaret (Gen.), Minn.
 Portley, Joseph James (Pre-Med.), N. J.
 Powell, James Emerson (Gen.), Ky.
 *Ralph, Daniel Paul (Gen.), D. C.
 Randolph, Frances V. (Gen.), D. C.
 Reed, John Alton (Gen.), D. C.
 *Rhoads, Rebecca (Gen.), D. C.
 Ripson, Edith Irene (Gen.), N. Y.
 Robb, Clark Thomas (Gen.), D. C.
 Robb, Vivian (Gen.), Iowa.
 Roberts, Minnie Clyde (Gen.), D. C.
 Robinson, Dorothy (Gen.), D. C.
 Roe, Grace Lauck (Gen.), D. C.
 Roebken, Esther M. (Gen.), D. C.
 Ronning, Minnie Madison (Gen.), Minn.
 Ronsaville, Virginia (Gen.), Md.
 Rosenthal, Jacob (Gen.), N. Y.
 *Ross, Charles Andrew (Gen.), D. C.
 Russell, Archibald Leon (Gen.), D. C.
 *Rutley, Joseph Suter (Com.), D. C.
 *Ryan, Alfred Edwin (Gen.), D. C.
 Ryder, Kathleen (Gen.), D. C.
 Salmon, Harriet Sue (I), D. C.
 Santiso, Virginia Ennen (II), D. C.
 Schain, Morris M. (Pre-Med.), N. Y.
 *Schofield, Irma Adell (II), D. C.
 Schreiber, Edwin Daniel (Pre-Med.), D. C.
 Scovell, Jennie A. (Gen.), D. C.
 Service, Ruth Marion (Gen.), Md.
 Shannahan, Katherine A. (Gen.), Kansas
 †Shapiro, Nathan (Pre-Med.), N. Y.
 Skliar, Robert (Com.), D. C.
 Smith, Helen Irene (Gen.), Md.
 Snelling, Elsie Carlotta (Gen.), D. C.
 Somers, Charles J. (Pre-Med.), D. C.
 *Sommer, Abram Ellison (Gen.), N. J.
 Sosa, Eduardo Manuel (Gen.), Panama
 Spangler, George Wilt (Gen.), Pa.
 *Sperry, August W. (Pre-Legal), Fla.
 Stevens, Loyd Ameda (Com.), Md.
 Stewart, James William (Pre-Med.), D. C.
 Stewart, Thomas Dale (Pre-Med.), Pa.
 *Stover, Lee Roy (Gen.), S. Dak.
 Strader, Mrs. Clarence H. (Gen.), Va.
 Strother, Louise Lane (Gen.), D. C.
 Stubbs, Vincent Gilpin (Pre-Legal), Pa.
 †Sutton, Don Franklin (Gen.), D. C.
 Sweeney, Ann (Gen.), Pa.
 †Swinson, Carl R. (Com.), D. C.
 Tabb, Samuel Lester (Pre-Med.), Md.
 Talbert, Elsie May (Gen.), Md.
 Taylor, Serena Fisher (II), D. C.
 Tchemonoff, Nada (Gen.), D. C.
 Tennyson, Joseph Burch (Gen.), D. C.
 Thom, Emma Mertins (Gen.), D. C.
 Timberlake, Erdine Rosalind (Gen.), D. C.
 Totten, Alma Ray (Gen.), Texas
 Trenholm, Gerald Lee (IV), S. Dak.
 Tucker, Sidney B. (Gen.), N. J.
 Vaiden, Ermytrude Virginia (Gen.), D. C.
 Vuil, Margaret Lee (Gen.), D. C.
 Valck, Jeannette (Gen.), D. C.
 Veley, Edna Louise (Gen.), D. C.
 VonDachenhausen, George (Pre-Legal), D. C.
 *Waggon, Leon, Jr. (Com.), Va.
 Wainwright, Charles Edward (I), D. C.
 Wallerstein, Harry (Pre-Med.), N. Y.
 Watkins, Mary Virginia (Gen.), S. C.
 Watkins, Samuel Alburus (Com.), N. C.
 Webb, Willard (Gen.), Md.
 Weber, George Samuel (Pre-Med.), Md.
 Weikert, Donald LeRoy (Gen.), D. C.
 Weikert, Gladys Louella (Gen.), D. C.
 Wheeler, Richard Oliver (Com.), Okla.
 White, John Turner (Pre-Legal), D. C.
 †Williford, Imogene (Gen.), D. C.
 Wilson, Hazen Harry (Gen.), D. C.
 Wilson, Samuel Park (Com.), D. C.
 †Wilson, Thomas Barnett, D. C.
 Wolt, Helen J. (Gen.), D. C.
 *Wooten, Herbert Lane (Com.), D. C.
 Workman, Beatrice (Gen.), D. C.
 Wright, Melvin James (Gen.), Ill.
 Yোগour, Sonia S. (Gen.), D. C.
 Ziegler, Edwin E. (Pre-Med.), D. C.

SENIORS

- *Albright, Robert Choate (Gen.), D. C.
 Alden, Leland Milton (Gen.), D. C.
 Alpher, Isadore Meyer (Pre-Med.), D. C.
 Ameigh, Howard Carlton (Com.), N. Y.
 Anderson, Elin A. (Com.), N. Y.
 Arnold, Arthur Zapolsky (Gen.), N. Y.
 Atchison, Marguerite (Gen.), D. C.
 Bannerman, Louise M. (Gen.), D. C.
 Barroll, Eleanora K. (Gen.), Md.
 Besler, Carter Newman (Gen.), D. C.
 Besker, Rose Eaton (Gen.), Ind.
 *Beech, James Charles (Gen.), Pa.
 Bosman, Katherine Hendee (Gen.), N. Y.
 Berman, Samuel Benjamin (Gen.), D. C.
 *Beilke, Mary (Gen.), Va.
 Bettelheim, Edwin S. Jr. (Pre-Legal), D. C.
 Black, Margaret Sarah (Gen.), Texas

- Blake, Nelson Morehouse (Gen.), Md.
 *Bledsoe, Dora Belle (Gen.), Ky.
 Blythe, John Henry (Gen.), Ky.
 *Bond, Eason Jackson (Gen.), Ga.
 Booth, Nina M. (II), N. Y.
 Borden, Hazel A. (III), Mass.
 Bradford, Elizabeth Hughes (Gen.), D. C.
 Brake, Katherine A. (Gen.), Md.
 Brokaw, Marta (Gen.), Ill.
 *Buckingham, Charles T. (Pre-Med.), Pa.
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 Burgess, Sabra O. (Gen.), Ind.
 Burke, Stella (Gen.), D. C.
 Campbell, Jean Thompson (Gen.), D. C.
 Carr, Margaret J. S. (Gen.), Md.
 Casanges, Alexander (III), D. C.
 Castleman, Frances F. (Gen.), Va.
 Chace, Mary Louise (Gen.), D. C.
 *Chapman, Roberta (Gen.), Tenn.
 *Childs, St. Julian Ravenel (Gen.), S. C.
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 Colbert, Alice (Gen.), D. C.
 Collins, Joan Ruth (Gen.), D. C.
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 Crews, Maurice Augustus (Gen.), D. C.
 *Crossman, Mary Louise (Gen.), Va.
 Cuatt, Frances Charlotte (Pre-Med.), N. Y.
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 Deuterman, Joel LeRoy (Gen.), Va.
 Dorsey, Elizabeth (Gen.), D. C.
 Dort, Sarah White (Gen.), D. C.
 Dougherty, Dorothy (II), D. C.
 Dunne, Eleanor Creswell (Gen.), D. C.
 Dutton, Lillian B. (Gen.), D. C.
 Eakin, Helen Elsie (Gen.), Kansas
 Edmonston, Martha Lucile (Gen.), D. C.
 *Engler, William (Gen.), N. Y.
 Fallon, Margaret Stewart (Gen.), D. C.
 *Felps, Hugh Edgar (Gen.), Tenn.
 Finney, Edith Elizabeth (Gen.), D. C.
 Fisher, Frances Morse (II), D. C.
 Fisk, Clarence W. (Pre-Legal), Md.
 Foot, Paul (Com.), Mont.
 Frazier, Versie F. (I), N. D.
 *Furbershaw, J. F. (Gen.), D. C.
 *Geschickter, Josephine (Gen.), D. C.
 Glass, Jewell J. (Gen.), Miss.
 Gold, Deborah Ida (Gen.), Mass.
 †Graves, Florence E. (Gen.), Okla.
 Graves, Warren Edwin (Com.), Mass.
 Gregg, Helen Ely (II), D. C.
 Gregory, Ruth (III), D. C.
 *Gress, Irving (Gen.), Pa.
 *Griffith, Boyce (Gen.), D. C.
 Haines, Alice Iola (Gen.), D. C.
 *Hammack, Paul Willard (Gen.), Va.
 *Harding, Charlotte G. (Gen.), Md.
 Harris, Grace (Gen.), D. C.
 Harris, Thomas Frederick (Pre-Legal), N. C.
 Haydon, Edith M. (Gen.), Va.
 Hayes, Jack, Jr. (Pre-Legal), D. C.
 Henderson, Walter C. (Gen.), Md.
 Henrickson, Henry Brenton (Gen.), D. C.
 Hickman, Clara (Gen.), D. C.
 Hildebrand, Jesse Bartlett (Gen.), Va.
 Himes, Lois Floy (Gen.), D. C.
 Himmelberger, Anna M. (Gen.), Pa.
 Hineckley, Marie H. (Gen.), N. H.
 Hopkins, Joy (Gen.), Md.
 Hottel, Guy Llewellyn (Com.), Va.
 *Hudson, Blanche (Gen.), D. C.
 Hughes, William Henry (Pre-Med.), Texas
 Iseman, Gladys Marguerita (Gen.), Ohio
 James, Leland F. Jr. (IV), D. C.
 James, Virginia Henrietta (Gen.), Md.
 *Klapp, Frank O. (Gen.), Ohio
 Kelley, Garth H. (Pre-Legal), Pa.
 Klein, Margaret Anna (Gen.), Penn.
 Kuts, Miriam L. (Gen.), Ind.
 *Lang, Richard James (Pre-Med.), N. Y.
 *Lechluder, Joseph L. (Gen.), Pa.
 *Lee, Agnes Irene (Gen.), D. C.
 Lemon, Mary Louise (II), D. C.
 Lesser, Moses Aaron (Com.), Mass.
 *Linehan, Ella C. (Gen.), Mass.
 Ludwig, Robert Eugene (Gen.), Md.
 Lyons, Marcus Urban (Gen.), Ind.
 McCabe, William L. (IV), Utah
 McClurg, Alice (Gen.), Ind.
 *McCormick, Marcella Augusta (Gen.), Ind.
 *McCoy, Harold D. (IV), Wis.
 McCoy, Horace B. (Gen.), Ind.
 *McDonnell, Vincent Paul (Gen.), N. Y.
 McIntyre Marie (Gen.), D. C.
 *McNally, Alice Merritt (Gen.), D. C.
 Magleby, Herbert Anderson (Com.), Idaho.
 *Mandelbaum, George Murray (Gen.), N. Y.
 *Mears, Jesse Kirk (IV), Ohio
 Melton, Rosalie Dalts (Gen.), D. C.
 Merritt, Virginia (Gen.), Md.
 *Moore, Morrow H. (Gen.), D. C.
 Morgan, Martha Eleanor (Gen.), Ohio
 Mule, Paul Joseph (Pre-Med.), N. J.
 Murphy, Joan Catherine (Com.), D. C.
 Musson, Helen (Gen.), D. C.
 *Myers, Walter Claude (IV), D. C.
 *Noyes, Martha (Gen.), Pa.
 *Ober, Mary King (Gen.), D. C.
 O'Connor, George Edward (Pre-Legal), D. C.
 O'Connor, Joseph Louis (V), D. C.
 *Oertly, Allan Wickliffe (Gen.), D. C.
 Periam, Helen Jube (Gen.), N. J.
 Petrie, John Shonts (I), D. C.
 Powell, Alfred Gottwals (Gen.), D. C.
 Pugh, Lucy R. (Gen.), Miss.
 Rea, Virginia Betty (II), D. C.
 Russell, Frank Edmund (Com.), D. C.
 *Sandhi, Phra (Gen.), Siam.
 Shaw, Alice Helen (Gen.), D. C.
 Simmons, William V. (IV), Miss.
 Sizemore, Martha Chandler (Gen.), Va.
 Slapnicka, Helen (Gen.), Iowa
 Smith, Frank (Gen.), N. Y.
 Smith, Lynne Starling (II), D. C.
 *Soeth, Dorothy D. (Gen.), Iowa
 Solt, William Charles (Gen.), Ohio
 Sorber, Daniel Glenn (III), Md.
 Sowers, John Adams (Gen.), Va.
 Starr, Ethel May D. (Gen.), N. Y.
 Stevens, Phyla Marsh (Gen.), D. C.
 Stevens, Welby Reed (Gen.), D. C.
 *Stout, Wyatt Warren (Com.), Ohio
 Swain, Esther Merle (Gen.), Mich.
 Sweeney, William T. (IV), Va.
 Taylor, Alice E. Hayes (Gen.), Pa.
 Taylor, James Hudson (Gen.), Pa.
 Terrill, Alice Cillam (Gen.), Md.
 Thomas, Cyrus Douglas (Pre-Legal), N. Dak.
 †Thomas, Eugene Shorb (Gen.), D. C.
 *Tolson, Clyde A. (Gen.), Iowa

Voorus, Robert Andrew (II), Pa.
 Voria, Hildreth Cook (Gen.), Ga.
 Waldman, Sophia Florence (Gen.), D. C.
 Walker, Frances E. (Gen.), D. C.
 Watkins, Julia Wakefield (Gen.), S. C.
 Weber, Raymond Charles (Pre-Legal),
 Pa.
 Weckerly, Ida (Gen.), Colo.
 Weits, Martin Lester (Pre-Med.), N. Y.

West, Caroline (Gen.), Va.
 *Williams, Carrie A. (II), Md.
 Williams, Mabel Ruth (II), Ill.
 Wilson, Gordon Kase (Com.), Pa.
 Wolpe, Ethel Dixie (Gen.), D. C.
 Woodward, Paul Davis (Com.), D. C.
 Young, Harold M. (Com.), Ala.
 Zeimet, Carlo (Gen.), Switzerland

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Alderson, Wroe Francis (Gen.), Waah.
 Atkinson, Walter Scott (Gen.), Md.
 Aukam, Juliet Harrison (Gen.), D. C.
 Baxter, Elmer James (Com.), D. C.
 Berkin, Edward P. (Gen.), D. C.
 Herman, Morris (Gen.), N. Y.
 *Boggs, Paul (Gen.), W. Va.
 Breasale, Edith (Gen.), S. C.
 Brinton, Minnie J. (Gen.), Va.
 Brown, Ralph Donald (Pre-Med.), Va.
 Casey, Edward Patrick (Gen.), Oreg.
 Cheatham, Gary (Gen.), S. C.
 Christopher, Clyde Burroughs (I), Mich.
 Cleveland, W. I. (Gen.), Md.
 Corsette, Dorothy Augusta (Gen.), D. C.
 Cox, Anne Thomson (Com.), D. C.
 Crippen, Mary DeBolt (Gen.), D. C.
 *Deschler, Lewis (Com.), Ohio
 Dickson, Martha Lucile (Gen.), Colo.
 *Federico, Bianca Morse (Gen.), D. C.
 Fluck, Murray Marion (Pre-Legal), Tex.
 Futterer, Charles (Pre-Legal), D. C.
 †Gilfoy, Francis Elmer (Pre-Med.),
 Mass.
 Harris, Ralph Percival (Com.), N. Y.
 †Harsh, George Franklin (Pre-Legal),
 Colo.
 Hasskarl, Augustus Immanuel (Pre-
 Legal), Nebr.
 †Heriot, Robert Stark (Pre-Med.),
 Porto Rico
 Heslep, George Alfred (Gen.), D. C.
 Highsmith, Jasper H. (Pre-Legal), D. C.
 *Howell, James Fleet (Gen.), Miss.
 Hudson, Willis Carlton (Com.), Tenn.
 Hughes, Norma Louise (Gen.), D. C.
 Ingold, John G. (I), D. C.
 Irisarry, Jose Antonio (Pre-Med), D. C.
 Kennedy, Mary Hanford (Gen.), D. C.
 †Kieferle, George Raymond (Pre-Legal),
 Pa.

Kocher, Theodore Martin (Gen.), Pa.
 Kosicki, Cecelia (Gen.), Conn.
 Kreider, Lorene Ellen (Gen.), D. C.
 Kuison, Uldarico S. (Pre-Med.), D. C.
 LeGear, Russell Altin (Gen.), Va.
 McDaniel, Frederick Leonard (Gen.),
 D. C.
 McGahey, John Emmet (Pre-Med.),
 D. C.
 Martinez, Felipe (Pre-Med.), Md.
 Mason, Marcus David (Pre-Legal), N. Y.
 Meade, Spencer Vincent (Pre-Med.),
 D. C.
 Nash, James George (Com.), N. Y.
 †Neal, Chester (Gen.), Md.
 Newport, George William (Com.), D. C.
 Niebell, Paul Milton (Pre-Legal), Pa.
 Norelli, Vincent Benjamin (Gen.), Conn.
 Osmond, Harvard (Gen.), Utah
 *Porter, Eloise (Gen.), D. C.
 Rader, Ben Bigstaff (Pre-Med.), Ky.
 Randall, Charles Guilford (Pre-Legal),
 Mich.
 *Riszute, Robert Holmes (Pre-Legal),
 D. C.
 Sapp, Henry Othe, Jr. (Pre-Legal), N. C.
 †Scarborough, Houston Marshall (Gen.),
 Tex.
 Shubert, Edward (Pre-Med.), Pa.
 †Smith, W. Hewitt (Pre-Med.), Md.
 Snowdon, Richard Ward (Gen.), D. C.
 Stearns, Robert Maynard (Com.), D. C.
 Stephenson, James LeGrand (Gen.), N. C.
 Turner, William John (Pre-Med.), N. J.
 †Werner, George Henry (Com.), D. C.
 †Wheeler, George William (Pre-Legal),
 Ind.
 Winnemore, Lawrence Pratt (Com.), Md.
 Wolfe, Jared Dunn (Pre-Med.), D. C.
 Young, Clarence Morris (Gen.), W. Va.

SPECIAL PRE-MEDICAL STUDENTS

Andree, Richard Theodore, D. C.
 Beam, Vernon Boulter, D. C.
 *Boby, Ernest Everett, D. C.
 †Calandrella, Ralph, Conn.
 Campus, Bernard, N. Y.
 *Chester, Frederick Devereux, D. C.
 Cole, George Robert Lee, Jr., D. C.
 Dean, Milton Ridgely, Va.
 *Dortzbach, Carl, D. C.
 †Dower, Harold Irvin, D. C.
 Fox, Levi Otis, N. Y.
 Ganet, Paul Samuel, Va.
 Ginsburg, Morris, D. C.
 Griffin, Edgar Dencher, D. C.
 †Griffin, Mildred Marie, Minn.
 *Harmon, Robert Howe, Miss.
 Hartgen, William Edward, Pa.
 Henson, Rex Thomas, Idaho
 Heyman, Philip Israel, D. C.
 *Kaplan, Hershey, D. C.

Koronefsky, Samuel Jacob, N. Y.
 McAllister, Margaret Emily, D. C.
 McCarthy, John L., D. C.
 Maioran, Jeraldo Ralph, N. J.
 Mark, Benjamin Ralph, D. C.
 *Milasky, Louis David, D. C.
 *Miller, Russel P., Va.
 *Monaghan, Joseph C., Pa.
 Orem, John Manly, D. C.
 Osborn, John William, D. C.
 *Polkinhorn, John Henry, D. C.
 Rosenblatt, Meyer, D. C.
 *Silverman, Israel David, D. C.
 Stewart, Samuel Woods, Fla.
 Storch, Virginia J., D. C.
 *Suib, Louis, N. Y.
 Taylor, David McCray, D. C.
 Weeks, William Addison, D. C.
 Weinstein, Max J., D. C.

SPECIAL STUDENTS

- †Aaronson, Emanuel, D. C.
A.B., 1924, Johns Hopkins University
- Abramson, Dorothy Grace, D. C.
- Adams, Dorothy Cobb, Va.
- Alexander, Hattie E., Md.
A.B., 1923, Goucher College
- Alexander, Maxie Miller, D. C.
A.B., 1922, George Washington University
- *Allen, Mabel Randolph, Va.
A.B., 1924, University of Richmond
- Antousanti, Raoul Alexander, Porto Rico
- Appleton, George Fred, N. Y.
- *Arthur, Margaret Mary, D. C.
- Artois, Helen Marie, D. C.
- Ashford, Snowden Jr., D. C.
- Rabcock, William Strong, D. C.
- Baer, Francis Meyer, D. C.
- Baker, Harley E., W. Va.
- Ball, Alice Arlene, Md.
B.S., 1923, Simmons College
- Ball, George Lindsay, Md.
- *Banks, Dolly Madison, Ky.
- Barber, Donald Cole, Ohio
- *Barlow, Rosetta Elizabeth, D. C.
- *Barnes, Louise, D. C.
- Barnes, Madeline B., D. C.
- Barnett, Edward Joseph, Calif.
- Baronello, Lucio Raffaele, D. C.
- Barrick, Mary Elizabeth, D. C.
- Bartlett, Theodore Lester, D. C.
L.L.B., 1924, National University
- *Bassett, Jane B., Conn.
- †Bastian, Alice May, Pa.
- *Bateman, Rosemarie, N. Y.
- Baxley, Olive, S. C.
- Baxter, Mercia Virginia, D. C.
- Beal, Arthur Floyd, Va.
A.B., 1911, University of Kansas
A.M., 1912, University of Kansas
Ph.D., 1917, University of Pittsburgh
- *Bealer, Dorothea, D. C.
- Beard, Dorothy, D. C.
- Bell, David Wilkinson Jr., D. C.
- Bennett, Clara Estelle, Canada
- *Bex, Charles T., N. Y.
- Black, Elizabeth Lydia, D. C.
- Blaine, Margaret, Pa.
- Blake, Ethel, Neb.
- *Blandford, Mildred Cecilia, Md.
A.B., 1923, University of Maryland
- Blattner, John William, D. C.
- Blinn, Florence A., D. C.
- Blumberg, Lily, D. C.
- *Blurton, Clarence H., D. C.
- Boltman, Harriett, W. Va.
- *Booth, Alpha Harkness, D. C.
- †Borden, Ida, D. C.
- Borjes, Clara Louise, D. C.
- Bottazzi, Carmel Margaret, D. C.
- †Bradford, George Augustus, Mass.
- Bradford, William, Va.
Th.B., 1924, Atlantic Union College
- Bradley, Suzanne, D. C.
- Brandenburg, Francis Walter, D. C.
- †Branscomb, Jessye F., D. C.
- Braswell, Ethel Allene, Miss.
- *Bray, Lena Griefes, Va.
- †Braylock, E. Mason, D. C.
- Breed, Clara M., Mass.
- Brewer, Charles MacFarlane, Md.
- Brewer, Ruth Elizabeth, D. C.
- †Bright, Mrs. Frank S., D. C.
- *Brindley, Augustus Roscoe, Ala.
L.L.B., 1902, University of Alabama
- *Bristow, Ulva W., D. C.
- Brosius, Anne Caroline, D. C.
- *Brown, Della Belle, D. C.
- Brown, Grace, Tenn.
- *Brown, Hallie, Ill.
- †Brown, Mabel Anna, D. C.
- †Bruman, Abraham Joseph, D. C.
B.S., 1917, University of Nebraska
- Buck, Rodia Florence, W. Va.
- *Buckingham, Eleanor Louise, Pa.
- *Buckner, Grayson Tyler, Va.
- Buechele, Emma A., Iowa
- *Bullock, Earl Milton, Md.
- Burgdorf, Ada Belle, D. C.
A.B., 1906, George Washington University
- *Burnside, Edith Frances, Md.
- *Byne, Ida Mary, Vt.
- *Cain, Cecil Anna, D. C.
- Calvert, Neva Bently, Ky.
- Campbell, Estelle Ball, D. C.
- Campbell, J. McP., D. C.
- Campbell, Myrtle, Ala.
- Cantrill, Georgia Edith, Colo.
- *Cardin, Jeffrey, D. C.
- Carlson, Vivian, D. C.
- *Carnahan, Mayworth, D. C.
- Carpenter, Mary F., D. C.
- Carpenter, Mary Williams, D. C.
- *Carr, Frederick Cawood, Tenn.
- Carter, George Rex, D. C.
- †Cartwright, Edith M., D. C.
- *Caruthers, Ada Barr, Md.
- Cassidy, Vera Elizabeth, Pa.
- Cavanagh, Jeanette, D. C.
- Cawthorne, Hugh Stockman, Md.
- *Chapman, Mary Stone, Md.
- *Chiera, Eather, Italy
- †Chisholm, Catherine, Md.
- Chisholm, Miriam Uhler, D. C.
A.B., 1916, Goucher College
- Chitwood, Maye Mina, Tenn.
- Christian, Corinne C., La.
- Chronis, Bonnie G., D. C.
- Cissel, Trueman Ross, Jr., Md.
- Clark, Elizabeth Clagett, D. C.
- *Clark, Mary H., D. C.
- Clarke, Andrew W., Va.
- Clarke, Ida Payne, D. C.
- Coleman, Annie Eaton, Va.
- Collier, Agnes Emily, D. C.
- *Collins, Helen Elizabeth, D. C.
- Collins, Marie Elizabeth, D. C.
- †Collins, Patrick Joseph, D. C.
- Collins, Selwyn DeWitt, D. C.
A.B., 1914, University of Missouri
A.M., 1915, University of Wisconsin
- Colvin, Lura Valli, D. C.
- Compton, Cornelia, N. Y.
- Compton, Edna Mae, Md.
- Comulada, Manuel, Porto Rico
- Conn, Leon Jack, Va.
- Connell, Paul Arthur, Ohio
- †Connolly, Charles Robert, Mass.
- *Connolly, Lucille M., D. C.
- Connor, Mary, D. C.
- Coombs, Myrtle Randall, D. C.

- †Coon, Ethel Louise, Ohio
 *Corl, Elisabeth, Va.
 *Corry, Erma Loraine, D. C.
 Costley, Hoyland Lenore, Mo.
 Cotter, Ellen M., N. Y.
 Cottingham, Mrs. Wayne I., Ky.
 *Cotton, John Arthur, Ohio
 Councilor, Theron Gates, D. C.
 *Cowhig, Freda M., D. C.
 Cox, James Huston S., D. C.
 Craig, Margaret Hjelm, Pa.
 Crane, Evelyn, N. J.
 Crane, Bessie, D. C.
 Craven, Robert, D. C.
 Crawford, Leone VanWart, Md.
 Crombie, Albert Bartholomew, Conn.
 Crowther, Aloha Hare, Md.
 Crump, Janie Knoxie, D. C.
 †Crutchley, Bertha, D. C.
 Cullinan, Edmund Paul, N. Y.
 Cummings, Mary Kathryn, D. C.
 †Cunningham, Laura J., Ind.
 †Curran, Ruth Blanchard, D. C.
 *Curtiss, Glen Elmer, N. Y.
 A.B., 1916 Syracuse University
 *Dale, Martin Ballard, D. C.
 A.B., 1918, Carson-Newman College
 †Dalton, Eliza Jane, D. C.
 Darley, Mary Lillian, Va.
 Dauben, Martha Belle B., D. C.
 Davis, Myra Catherine, D. C.
 Davison, David Samuel, D. C.
 Day, Sara Milligan, D. C.
 Dean, Eloda B., D. C.
 Deans, Amelia Byrd, D. C.
 *Deason, Velma, Ill.
 *Decker, Arthur J., D. C.
 *DeGrange, Frances Evelyn, D. C.
 A.B., 1923, George Washington University
 DeGroot, Ruth Elizabeth, D. C.
 Ph.B., 1917, University of Chicago
 DeLeaderer, Stafford Cawthon, D. C.
 Dengler, Frances Miriam, D. C.
 Denison, Nellie May, D. C.
 *DeOtte, Lela, D. C.
 †Dieganne, Louise Randall, D. C.
 Dimon, Richard Atwater, D. C.
 *Dobbins, Dorothy Harcourt, Mass.
 Dodd, Nancy Lee, D. C.
 Domigan, Horace W., Ohio
 Donaldson, Grace, N. C.
 *Doud, Judson Thomas, D. C.
 Downing, Theodore Clark, D. C.
 Drake, John C., D. C.
 Dreaden, Edith E., N. J.
 Duffy, Mary Agnes, D. C.
 *Dulles, Clover Todd, D. C.
 Eckles, Charles Ellison, Minn.
 Edwards, Edith V., Ohio
 Egli, Clara K., N. J.
 Ehrhart, Anna Caroline Mary, D. C.
 Elisinger, Rudolph John, D. C.
 Elbert, Bernice Ethel, Kans.
 *Ellis, Florence Sinclair, D. C.
 †Ellsworth, Lulu Edna, Mich.
 Endress, Charlotte Marie, D. C.
 Erwin, Katherine Adelaide, N. C.
 A.B., 1915, North Carolina College for Women
 Escher, Julia M., S. Dak.
 †Eitchison, Ralph Simpson, Md.
 Farrell, Fred C., D. C.
 †Farnsworth, Gussie M., D. C.
 †Farrington, Ada May, D. C.
 Farris, May, Ind.
 Feather, Edith, D. C.
 Feehan, Nancy, Mass.
 A.B., 1925, George Washington University
 Fell, Pearl Sydney, D. C.
 *Felstein, Esther Kitty, D. C.
 *Fenning, Katherine Hive, D. C.
 A.B., 1924, Wellesley College
 *Ferguson, Mrs. Roland, D. C.
 Finch, Flora E., D. C.
 *Fischer, Freda Martha, D. C.
 *Fisher, Arthur Mitchell, D. C.
 Fisher, Josie Anne, Wis.
 *Fisher, Katharine Ward, D. C.
 Fitzpatrick, Bess Margaret, Mass.
 A.B., 1914, Trinity College
 Fitzpatrick, F. Stuart, D. C.
 Follard, Edward Thomas, D. C.
 Foltz, Eddie Thomas, D. C.
 Foote, Myrtle Bennett, Md.
 Ford, Charles Isaac, D. C.
 *Fotheringham, Jean, N. J.
 Francisca, Sister Mary, D. C.
 Frazier, Mrs. William C., D. C.
 Friedlander, Philip D., Va.
 †Friedman, Bertha Dorothy, D. C.
 *Frye, E. P., Md.
 *Furrow, Marguerite Gordon, D. C.
 Gamble, Jeannette, D. C.
 Gandy, Hoke, D. C.
 Gappinger, Gertrude Magdalene, Ind.
 Garber, Sara E., D. C.
 B.E., 1904, Bridgewater College
 Gardener, Lillian Cecilia, D. C.
 Gardner, Wanita, Pa.
 *Gazrett, Laura Jeanne, Va.
 Geare, Dorothy Smallwood, D. C.
 A.M., 1920, George Washington University
 *Geary, Daniel J., D. C.
 *George, Lottie Mae, D. C.
 *Gerson, Anna, D. C.
 *Gervais, Florence Helena, D. C.
 Gervais, Helen E., D. C.
 *Gill, William B., Jr., R. I.
 Gilman, Iva Ruth, Me.
 *Ginberg, Ethel, D. C.
 Gingras, Helene, D. C.
 Girta, Maxine Lucile, Pa.
 A.B., 1923, George Washington University
 Glascock, Fannie Ella, D. C.
 *Gluckstein, Fannie, D. C.
 Goddard, Jennie Clayton, S. C.
 Gold, Virginia, W. Va.
 Goldman, Myers David, Va.
 Goldstein, Hyman M., D. C.
 LL.M., National University Law School
 Goldstein, Louis John, D. C.
 Grady, Jenny Powell, D. C.
 †Graham, Clarence Quarles, Ark.
 Graves, Abigail B., D. C.
 †Graves, Mary Euphemia, D. C.
 *Green, Julian C., D. C.
 Green, Leila, D. C.
 *Greenberg, Minerva, D. C.
 *Griffina, Genevieve, D. C.
 †Griffith, Pearl Alice, Va.
 Groff, Martha B., Pa.
 Gross, Charles Ernest, D. C.
 †Gross, Ralph Franklin, Okla.
 †Grove, Isabella, D. C.
 Haines, William Cassius, D. C.

- *Hall, Lucille Lydia, N. Dak.
 *Hall, Margaret, D. C.
 Halper, Leolia Elizabeth, D. C.
 Hamill, Frances Virginia, D. C.
 Hamilton, Hugh Ralston, D. C.
 *Hamilton, Thomas Rowan, D. C.
 A.B., 1917, Washington-Lee University
 M.S., 1924, Columbia University
 Hammond, Grace T., D. C.
 Hammond, Leigh Mead, Md.
 †Hanger, Ellie Dargan, D. C.
 Hanna, Helen L., Md.
 Hardy, Elsie Elizabeth, D. C.
 †Harper, Grace, Ill.
 Harper, Guy, D. C.
 *Hartgrove, Hattie Rus, Tex.
 A.B., 1924, Texas Christian College
 Hatch, Gertrude, D. C.
 Hawke, Nellie Leeds, D. C.
 *Hawthurst, Elizabeth, D. C.
 Hayea, Mary Cecil, N. Y.
 †Hazard, Louise Breinig, D. C.
 Hazen, Grace, N. Y.
 A.B., 1919, St. Lawrence University
 Heck, Mary Martha, D. C.
 Heller, William LaRue, Va.
 Helmrick, Katherine, Ky.
 Henderson, Charles Rudolph, Tenn.
 *Henderson, George Walter, Pa.
 Hendrickson, Lydia, D. C.
 Hendrixson, Velma, Ohio
 Henry, Helen Hall, D. C.
 Hernan, Julia Kremer, D. C.
 Hewitt, Ivan M., Kans.
 *Hibbard, Eleanor Anne, D. C.
 Hibbs, Margaret, Pa.
 †Higgins, Eugene Witter, D. C.
 Higgins, Warren T., Md.
 *Higman, William Edwin H., Utah
 *Hilleary, Margaret Joyce, D. C.
 Hilton, George Pike, D. C.
 *Hitchcock, Ruth, D. C.
 Hoag, William Wilson, D. C.
 *Hockinsmith, Bonnie L., D. C.
 Hodges, Grace Alexander, Tenn.
 *Hoenes, Elsie Emma, Mo.
 †Hoffman, John Henderson, D. C.
 †Hoffman, Myn M., D. C.
 †Holm, Robert Ladd, D. C.
 †Hoopas, Elizabeth Geary, Pa.
 Hoover, Olive Foster, D. C.
 A.B., 1923, George Washington University
 Hopwood, Mason Henley, D. C.
 Horigan, Florence M., D. C.
 Horning, Marie Isabel, D. C.
 *Hosfield, Betty Clarie, D. C.
 †Howard, Areturus Lee, D. C.
 Howell, Mary Nelvine, S. C.
 Hoyt, Edith, D. C.
 Hubbard, Annie Louise C., D. C.
 †Hubbard, Donald, Fla.
 B.S., 1923 University of Florida
 M.S., 1924, University of Florida
 Hughes, Katherine Louise, D. C.
 Hughes, Sister Miriam, D. C.
 Hugin, Irma Rose, D. C.
 Hull, Ralph Moody, W. Va.
 Hulta, Louise, Ind.
 Hunt, Odessa, D. C.
 *Hyatt, Fern, Tex.
 *Hyde, Lawrence Knowles, D. C.
 *Inchaurregui, Francisco, Mexico
 *Jackson, George Washington, Va.
 Jackson, Martha Dorothy, Ohio
 †Jacobs, Emma Suter, Va.
 Jacoby, Thomas Edwin, Md.
 Janes, Charles Edward, Md.
 †Janney, Ada P., Va.
 †Johnson, Catherine K., D. C.
 †Johnson, Falba Love, S. C.
 *Johnson, Kathryn A., Pa.
 Johnson, Margaret Miller, D. C.
 †Johnson, Ruth Hershey, Ohio
 †Johnson, Sara Pierson, D. C.
 Johnston, Edna Louise, D. C.
 Johnston, Elmer Herbert, Va.
 †Jones, Cecil Lester, D. C.
 *Kaminsky, Lee Ray, D. C.
 *Kaminsky, Lillian, D. C.
 Kaminsky, Nathan, D. C.
 *Kanable, Vernon Otho, D. C.
 *Karr, Margaret Neal, Md.
 *Kata, Harry, D. C.
 †Kauffman, Wilbur Richard, Pa.
 Kellman, Isabel Frances, D. C.
 Kellogg, Clyde Elmer, D. C.
 *Kelly, Florence Ridgeway, Md.
 Kelton, Edith F., D. C.
 †Kennedy, Alice Barbara, D. C.
 Kephart, Calvin Ira, Ore.
 Kernan, Julia, D. C.
 Kersten, Maude Marie Elsie, Ill.
 A.B., 1914, Northwestern College
 A.M., 1915, University of Chicago
 Keyser, Joseph, D. C.
 King, Archibald, D. C.
 A.B., 1903, Harvard University
 A.M., 1904, Harvard University
 LL.B., 1906, Harvard University
 King, Clare M., D. C.
 †King, Ethel Woodward, Va.
 King, Francis Gerald, Mass.
 Kinner, Harold Clayton, Md.
 *Kints, Edward Jerome, D. C.
 Kirchner, Raymond Charles, D. C.
 *Kleeman, Isabel Frances, D. C.
 Kline, Dora Leorne, Pa.
 A.B., 1905, Hood College
 Knappen, Judson N., Md.
 †Koerth, Mildred Elizabeth, D. C.
 †Kohl, Bertha, D. C.
 Koken, Lillian May, D. C.
 Korman, Milton Daniel
 LL.B., Georgetown University
 Kraus, Anna M., D. C.
 †Kressler, Milton Earle, Ohio
 Krupsaw, Vittle, D. C.
 *Ku, Jenchieh S., China
 Kuder, Katherine, Pa.
 B.S., 1924, Allegheny College
 †Kurtz, Dorothy Stockton, Pa.
 *Lambdin, Janet Denham, D. C.
 †Lanhan, Merwyn Haneke, D. C.
 Lane, Margaret Mary, D. C.
 A.B., 1916, Trinity College
 LaQuay, Robert Reginald, Md.
 *Lathrop, Constance Davies, D. C.
 *Lavison, Martha Elizabeth, D. C.
 *Lawrence, Ruth Ann, D. C.
 †Leach, Mary Beatrice, W. Va.
 Learned, Emily Barrett, D. C.
 *LeFever, Rose Lillian, Va.
 *Legs, Uranie, D. C.
 Lewis, Hunter Meriwether, Va.
 Lindley, Laura, S. Dak.
 *Lindsay, Roscoe, D. C.
 Linkins, John Thomas, Jr., D. C.
 Linkins, Mary Bernadette, D. C.

- Littlepage, Louise, D. C.
 Livingston, Lillian Valentine, D. C.
 Logan, Judith Marchand, D. C.
 Long, Elizabeth Foster, D. C.
 *Louden, Orren R., D. C.
 Love, Katherine S., Va.
 A.B., 1917, University of Richmond
 Love, Katherine U., D. C.
 Lovell, Ellen, Tenn.
 Lowell, May L., D. C.
 Ludlow, Jerome Milton, D. C.
 †Luebke, Constance, D. C.
 *Lundberg, Frieda Maria, Mass.
 *Lynch, William A., D. C.
 McCammond, Fay Lincoln, Va.
 McCarty, Onita, D. C.
 McCord, Robert Thomas, N. J.
 McCormick, John Dominic, D. C.
 B.S., 1914, George Washington
 University
 B.S., 1921, George Washington
 University
 *McCoy, Catherine Baldwin, D. C.
 A.B., 1924, Radcliffe College
 McCoy, Lillie, D. C.
 McDaniel, Kate, D. C.
 *McDermott, Thomas Francis, Va.
 McKelroy, Evelyn E., D. C.
 †McFadden, Barbara, Pa.
 †McFarland, William Norris, D. C.
 McGarvey, Stella M., D. C.
 †McGuire, Irene C., Pa.
 *McIntyre, Margaret, D. C.
 McKenna, Catherine, D. C.
 McKenney, Phelps Felix, Fla.
 McLean, Olive Beatrice, D. C.
 McManus, Paul Aloysius, D. C.
 *McMullen, Ethel Rhodes, Va.
 †McNeil, Mary Frances, D. C.
 McSorley, Kathryn Marie, D. C.
 MacKay, William Gladstone, D. C.
 *Mackie, Grace Dart, Utah
 Maher, Agnes Walker, D. C.
 *Mahoney, Catherine Grace, D. C.
 Malcolm, Edwina Rose, N. Y.
 Maliff, Tillie, Ill.
 *Mallory, D. Margaret, D. C.
 †Marbury, Mary Stewart, D. C.
 Marron, Mary Gertrude, D. C.
 Marshall, Janet Little, D. C.
 Martin, Myrtle M., Ill.
 Martin, Wilbur Wynn, D. C.
 *Mathews, Evelyn Louise, D. C.
 *Mattimore, Florence Brady, D. C.
 A.B., 1925, Trinity College
 Maulding, Hazel Florence, Ind.
 Mayhall, Ernestine Rhode, La.
 Mayes, Mary E., D. C.
 Mead, Edith May, D. C.
 Meisner, Harmon Stimbert, Utah
 B.S., 1922, University of Utah
 Merritt, Muriel Fleming, D. C.
 Metcalf, Harley Edwin, D. C.
 Metcalfe, Ellen Isabelle, Ill.
 Midthun, Esther Medora, Minn.
 Miley, Ruth, D. C.
 Millard, Homer Behne, Nev.
 Miller, Kenneth R., Pa.
 *Miller, Lena M., D. C.
 Miller, Mamie M., D. C.
 †Mishelly, Ruth H., Ill.
 Mitchell, Mary Edna, N. Y.
 Mizell, Alma, Ky.
 Moncure, Robert Clarke, D. C.
 *Moody, Charles Watta, D. C.
 Moore, Marie, Ohio
 *Moore, Robinson Brooks, Va.
 Mourhead, Phoebe, D. C.
 *Moran, Helen Francis, D. C.
 Moren, Edna Cecelia, N. Y.
 Morfesi, Louisa Elizabeth, D. C.
 Morgan, Katharine, D. C.
 Morgan, Stephen Edward, Ga.
 LL.B., 1923, Y. M. C. A. School of
 Law
 LL.M., 1924, National University
 MP.L., 1924, National University
 *Morgan, Vinnie Flo, Ill.
 Moskey, Frank R., D. C.
 LL.B., 1924, Georgetown University
 LL.M., 1925, Georgetown Univer-
 sity
 †Moss, Fred A., Va.
 A.B., 1913, Mercer University
 A.M., 1920, Columbia University
 Ph.D., 1923, George Washington
 University
 *Mueller, Franklyn Jack, Wis.
 Mueller, Werner Arthur, Mo.
 *Mullin, E. Lillian, D. C.
 Mullins, Irma, D. C.
 Murphy, M. Regina, D. C.
 Myers, Mattye, D. C.
 *Nebecken, Minnie Holmgren, Utah
 *Neff, Mattie B., D. C.
 Neidig, Grace Cecilia, D. C.
 †Nelson, Adah, Ill.
 Nelson, Cory E., Minn.
 *Newman, Kathleen Marguerite, Vt.
 †Newman, Magdalene Rutan, Ohio
 *Newton, William Lee, D. C.
 A.B., 1921, Indiana State Normal
 O'Connor, Agnes Louise, D. C.
 Offutt, Viola, Md.
 A.B., 1920, George Washington
 University
 *Ogg, Mary Pritchard, D. C.
 Ohr, Bertha McKay, D. C.
 *O'Leary, Josephine, D. C.
 Oppenheimer, Celia, D. C.
 Owens, Raymond Bruce, Va.
 A.B., 1917, Randolph-Macon College
 Pajarillo, Arcenio Gonzales, D. C.
 Palagrove, Mary E., D. C.
 †Parker, Cecilia McCallum, D. C.
 †Pearson, Martha Blanche, Md.
 Pearson, Olga Agnetta, D. C.
 Peckham, Winifred, Pa.
 Peirce, Lottie, Md.
 Pelatawski, Helen, Conn.
 †Perdue, Catherine, Md.
 Perkins, Ruth Katherine, D. C.
 *Perlie, Horace E., D. C.
 Perrie, Marian Virginia, Md.
 *Perry, Stanley, D. C.
 Philibert, Estelle J., Mo.
 Phillips, Edith Sewall, D. C.
 Phillips, Robert Mortimer, D. C.
 Pierce, Mrs. Ulysses G., D. C.
 *Pitt, Esther, D. C.
 Ponton, Bernice Sherburne, Me.
 *Poole, Julius Burrell, N. C.
 Porotto, Fortunato, Italy
 Postley, Olive Clara, D. C.
 Povelsen, Ingild, D. C.
 Powell, Edith Belle, D. C.
 †Powell, Sophy Hulsizer, D. C.
 †Powers, Mary Littlepage, Va.
 †Prescott, Ella Grace, D. C.
 Presnell, Theodora, D. C.

- Preston, Martha Claudia, D. C.
†Preston, Mary Ord, N. Y.
Price, Cecil Sylvester, Ind.
†Price, Thomas Malcolm, D. C.
*Price, Zola Roundtree, Md.
Proctor, Fredrika, D. C.
Proctor, John Leonard, D. C.
*Pugh, Alpha Lorraine, D. C.
Quinn, Joseph Patrick, Mass.
Quirk, Timothy Joseph, D. C.
Radcliffe, Sarah Blanch, Va.
Raison, Violet, D. C.
*Rankin, William Matthew, Jr., D. C.
*Ream, Cecile A., D. C.
Redman, Catherine Olive, Md.
†Regan, Catherine, D. C.
Regan, Mary Ellen, D. C.
Reid, Earl Desmond, D. C.
Remey, Estelle Read, Va.
†Reneau, Thomas Alan, Tex.
Reynolds, Bertha Davis, D. C.
Reznek, Solomon, D. C.
Rhine, Alice Loman, Md.
*Richards, Celeste, D. C.
Richart, Ruth Elisabeth, D. C.
Riggles, Mary D., D. C.
Riggles, Nelly F., D. C.
*Ring, Mary Reilly, D. C.
Rippey, Aaron Stanton, D. C.
*Robbins, Veronica Estelle, D. C.
*Robey, Lelia Clare, Iowa
Robinson, Anne R., D. C.
*Robinson, Marvin Roul, Va.
Roby, Marilyn, D. C.
Rod, Isadore, D. C.
*Rodger, George Cochrane, Jr., D. C.
Rodgers, Glenroy Jackson, Va.
*Roeser, Robert Edwin, D. C.
†Rogers, Gretchen Louisa, Germany
Rohan, Justine, D. C.
†Rohr, Lillian Ethel, Md.
Rohrback, Jesse Walter, Jr., D. C.
Rose, Joseph, Va.
*Rose, Ralph Douglas, D. C.
*Rosholm, Mabel Amanda, Pa.
*Ross, Gunter, Okla.
*Rosson, John Watkins, D. C.
Rowe, Leland, Va.
*Rule, Gordon Wade, D. C.
Ruppert, Mary Clare, D. C.
†Ruppert, Minna Louise, D. C.
Ryan, Katherine, D. C.
Rylands, Robert McDonald, D. C.
Sager, Inez Haines, D. C.
*Sahn, Misha, D. C.
Sandaefer, Lillian Hall, Tex.
A.B., 1909, Southwestern University
*Sargeant, Virginia Page, D. C.
Saulesbury, Bernice L., Md.
*Saunders, Juliet Jackson, Va.
Scharffenberg, W. A., Ill.
Scharinger, Anna, Md.
*Schauldin, Alfred, D. C.
Scheffley, Irene Laun, D. C.
†Schloman, Frederick A., Va.
Schnoberger, William, D. C.
Schulte, Theda E., Ohio
Scott, Marian Reeves, D. C.
Scriven, C. Elisabeth, D. C.
Scully, Charles Burleigh, Mass.
Sebastian, Helen R., D. C.
*Selden, E. Julia, S. C.
Serpac, Aselie B., La.
†Severance, Belknap, Md.
Seymour, Blond G., D. C.
†Shafor, Lucile, Ohio
*Shannon, Elnora Sutherlin, D. C.
Sheets, Olive Amy, D. C.
A.B., 1910, Ohio State University
A.M., 1914, University of Wisconsin
Shelton, Mamie Russell, Va.
Sherly, Carrie Belle, D. C.
Sherman, Mildred Sweney, D. C.
A.B., 1919, Oberlin College
Shinn, Clarice Fern, Ind.
A.B., 1923, George Washington University
†Shirley, Irene Florence, D. C.
†Shivers, Hazel, Wis.
*Shorey, Melville B., D. C.
Short, Margaret M., D. C.
Shugrue, Frances E., D. C.
†Siddall, Mary F., D. C.
Siegal, Abner, D. C.
*Silber, Rebecca Lillian, D. C.
Silverman, Morris, D. C.
Sivester, Jane B., Va.
Simons, Mary Ellen, Tex.
Simonton, Marion Frances, D. C.
Simpson, Mary Kirk, Va.
A.B., 1898, Grove City College
A.M., 1920, George Washington University
Sioussat, Helen Alice, D. C.
Skehan, Jerome Francis, Pa.
A.B., 1925, George Washington University
†Skelly, Frank Gerard, Pa.
Smith, Mrs. Bass McCall, S. C.
†Smith, Channing Stevens, Mo.
Smith, Isabelle, Ill.
Smith, Margaret Ann, Va.
Smith, Mary Lucy, D. C.
*Smith, Meredythe, D. C.
Smith, Susie Catherine, D. C.
†Smith, Voca Louise, D. C.
†Smoot, Lloyd Duvall, Jr., D. C.
Smoot, Loranice Penrose, D. C.
Sniegowski, Joseph Marion, D. C.
†Snow, Mary Rose, D. C.
Snyder, Bernice May, Ohio
Sommerville, Julia Chapin, D. C.
Sopena, Juan M., D. C.
Spangler, Clara Jeannette, Pa.
Spano, Nellie, D. C.
Speight, Margaret, D. C.
Spencer, Robin Edgerton, D. C.
Spicer, Hazel I., D. C.
Springston, Elizabeth Earnest, D. C.
A.B., 1923, George Washington University
†Stadnichenko, Lubov Maximovna, Russia
Stafford, Oliver E., Md.
†Stannard, Anna C., N. Y.
Stewart, Grace, W. Va.
Stocker, Grace E., Md.
*Stodder, Mary E., D. C.
Stoutamyer, Helen, D. C.
A.B., 1924, George Washington University
*Straughan, Marion Lawson, D. C.
Stribbing, Claudia B., D. C.
Styles, Elisabeth Morgan, Va.
Styron, Elisabeth Burroughs, D. C.
Swaney, Frances Isabel, Mich.
Sydnor, Robert Shelton, D. C.
*Tarshes, Evelyn, D. C.
†Tate, Mary Brooke, D. C.

- *Taylor, Bernice Marie, Miss.
A.B., 1918, Mississippi College for Women
- †Teel, Blanche Lewis, D. C.
†Tenny, Fannybelle Lee, D. C.
*Terneak, Helene A., D. C.
†Teu, Sanford Brogdyne, N. C.
Thirkettle, Millicent Ruby, Ohio
*Thomas, Alfred Robert, Jr., Pa.
Thomas, Bertha Frances, Va.
Thomas, Bessie E., D. C.
Thomas, Sini, Ala.
*Thomason, Pauline, Ill.
*Thompson, Elizabeth Jannette, Va.
†Thompson, Maude A., D. C.
Thomson, John Campbell, D. C.
Throckmorton, Olga E., D. C.
Titus, Harold H., D. C.
*Torres, Luis Gonzalez, D. C.
Townsend, Martha G., D. C.
Trimble, Agnes, D. C.
†Trimble, William Ramey, D. C.
†Trundle, Ruth McCoy, D. C.
†Turnbull, Jessie Lloyd, Fla.
*Turner, Luella Carroll, D. C.
*Turner, William Jackson, D. C.
*Turner, Winniefred Edith, D. C.
†Tuttle, Paul Vernon, Md.
Uhlig, Melanie Emily, Mass.
*Unstaddt, Jean, Tenn.
Upchurch, Frances Nelson, Ala.
*VanDoren, Emma May, D. C.
A.B., 1917, George Washington University
- VanMeter, Mary Garrett, D. C.
*VanSickle, Rayburn Jefferson, Tex.
VanTyne, Ida A., D. C.
Vipond, A. Stuart, D. C.
VonSeyfried, Emma Maria, N. J.
Voohees, Paul Leslie, N. Y.
Votava, James Mathew, Minn.
*Wagstaff, Letitia May, D. C.
Waldmon, Jacob, D. C.
*Walter, Herbert Elmore, D. C.
*Walters, Marie Louise, Mich.
Waring, Helen Frances, D. C.
†Warren, Cathleen Wilson, D. C.
*Waters, Rosalie, D. C.
*Watson, Kathryn Patricia, D. C.
Weisel, Harriet Isabel, D. C.
Wellens, Edna Marion, D. C.
- Wells, Emma J., D. C.
West, Daisey Hinton, Va.
†West, John Samuel, D. C.
White, Francis Edwin, D. C.
†White, Iris Tull, Md.
†White, Marian, D. C.
Whitehead, Louise, D. C.
†Widmyer, Rose Elizabeth, D. C.
Willey, Willard Haven, D. C.
Williams, Herbert Thurston, D. C.
Williams, Isabelle, D. C.
Williams, Katharine Florence, Md.
Williams, Martha Wade, D. C.
Williams, Priscilla Jane, D. C.
†Williams, Ruth, D. C.
Williams, Ruth Victoria, N. Y.
Willis, Eben Dorr, Ala.
Willoughby, Marion Frances, D. C.
Wilson, Ethel Mary, Mass.
†Wilson, Frances Anna, Md.
A.B., 1923, Western Maryland College
- *Winant, Cecilia St. Claire, Md.
Wingard, Hugh Donald, Pa.
Winter, Ruth G., Pa.
Witherow, Grace A., Md.
*Wolf, Frances Marcia, D. C.
Wolf, Jack Sidney, D. C.
†Wolfe, Estella, Wis.
Wood, Lilian, Md.
Wooda, Linda McClure, D. C.
Woodward, Constance, Va.
Woody, Zora Ellinor, N. C.
*Wooten, John Frank, Md.
†Worthing, Margaret Nelson, Me.
*Wright, Charles Mark, D. C.
Wright, Matilda Douglas, D. C.
*Wright, Rose Marie, D. C.
Wutschert, Rosa Katherine, D. C.
*Wutschert, Paula Anne, D. C.
†Wymore, Ivy Jane Christia, Iowa
B.S., 1918, Drake University
M.S., 1925, George Washington University
- Yoelson, George, D. C.
Young, Dora Harriet, N. Y.
A.B., 1925, Alfred College
†Young, Raymond J., D. C.
Zurberg, Louis Bertrand, D. C.
*Zwiesler, Leona Marie, D. C.

COLLEGE OF ENGINEERING

REGULAR STUDENTS

FRESHMEN

- Allen, Donald Lee (E.E.), D. C.
Alpher, Robert (Chem.E.), D. C.
Alpher, Robert J. (C.E.), D. C.
Andrews, John Kenneth (M.E.), D. C.
Angier, James Franklin (Chem.E.), Md.
Armstrong, William R. (M.E.), Md.
†Aronstein, Charles (Chem.), D. C.
Arosemena, Jose Alberto (C.E.), D. C.
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Babcock, Harold Roscoe (Physics), Md.
Ball, Lawrence Desble (E.E.), Va.
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*Barker, Frank Newman (Arch.), D. C.
Barnett, John Hartt (Chem.), Md.
Bateman, Roy Danby (Chem.E.), D. C.
- Beall, Richard Jones (Arch.), D. C.
Benfer, James Paul (M.E.), D. C.
Benson, Donald Dean (Arch.), D. C.
Betikofer, Wilfred Alvin (Chem.), D. C.
Biggs, Llewellyn Annett (C.E.), D. C.
Billups, Robert Wallace (E.E.), Va.
Bishop, Francis Burns (C.E.), D. C.
Blew, Forrest Allen (M.E.), D. C.
Boettcher, Allen McFarland (C.E.), D. C.
Borowski, Stephen Joseph (Chem.), D. C.
*Boydston, Guthrie Martin (E.E.), Md.
*Bradford, William Werner (Arch.), D. C.
†Bragg, Roy (C.E.), Va.
Bramhall, Charles Harold (E.E.), Pa.
Brewster, John Potts (C.E.), D. C.

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 Shields, Curtis Fay, D. C.
 †Smith, William Wood, D. C.
 Taylor, Wilbur A., D. C.
 *Whitcraft, Ellis Ebert, D. C.
 Willoughby, John Alexander, S. C.
 Woerner, Carl George, D. C.
 *Wrenn, Paul George, D. C.

UNCLASSIFIED

Baber, Leonard Cooper (E.E.), D. C.
 †Balingier, Lee Orson (Arch.), Ohio
 *Bernhard, E. C. (M.E.), Va.
 Bennett, Nelson (C.E.), Ill.
 *Davis, Douglas M. (C.E.), Md.
 Davis, Ernest Guillelte (C.E.), Md.
 DeLashmutter, Thomas Newton (C.E.), Va.
 Fisk, Willis Hubbell (C.E.), Md.

*Howell, Lauriston VanLiew (Arch.), D. C.
 Jones, Charles Welpley (Arch.), D. C.
 Lansdon, Henry Irvine (Chem.E.), Kans.
 Rumbough, William S. (E.E.), D. C.
 Sampson, Hugh Beauford (C.E.), Md.
 *Trotter, James Edward (E.E.), D. C.
 Wetherill, John Price (Chem.), Colo.
 Wilcox, Chester McKendree (C.E.), D. C.

TEACHERS COLLEGE

REGULAR STUDENTS

FRESHMEN

Adams, Ethel Virginia, Va.
 Adkins, Edna May, D. C.
 †April, Pearl Esther, D. C.
 Babp, Helen Grace, D. C.
 Baker, Eva, D. C.
 Banks, Julia Ford, Va.
 Beckham, Blanche, D. C.
 *Beller, Catherine Frances, D. C.
 Bennington, Dorothy Emma, Md.
 †Berry, Martha Hill, Md.
 *Birre, Elsie, D. C.
 Botkin, Eugenia, D. C.
 Bragg, Frances McCrum, Minn.
 Brooks, Alice Baird, D. C.
 *Brown, Gertrude Frances, Mass.
 Buchalter, Helen, D. C.
 Buchalter, Miriam, D. C.
 Budke, Norma G., D. C.
 Burns, Dorothy Joy, D. C.
 Burns, Rae, D. C.
 †Burton, Elsie Vann, Va.
 Cavanaugh, Rosemary, D. C.
 Chappell, Ella Lorena, D. C.
 Chappell, Lillian Mollie, D. C.
 Clapham, Nathalie P., D. C.
 *Clark, Della Levina, D. C.
 *Clark, Isabell, Md.
 Clarkson, Gladys Marion, D. C.
 Clayton, Alice May, D. C.
 †Cole, Helen Knight, Md.
 †Conrad, Donald William, N. C.
 *Cook, Marina Jones, D. C.
 Corner, Charlotte Troughton, Va.
 Curl, Grace Irene, D. C.
 Dagnall, Bertha Isabelle, Conn.
 DeCell, Amele, Miss.
 Dement, Melissa, Miss.
 Dickinson, Eveline Lillian, D. C.
 †Dinowits, Pearl, D. C.
 Drake, Beulah Jones, D. C.
 *Dunn, Melissa Whitehead, D. C.
 Dyer, Juliet Elizabeth, D. C.

Earnest, Mildred, D. C.
 Edwards, John A., Miss.
 *Emerson, Robert Strehl, Ind.
 Eveler, Caroline Marjorie, D. C.
 Fairley, Bina, D. C.
 *Findlay, Lillian A., Va.
 *Fisher, Jessie Claire, D. C.
 Flinn, Alda Catherine, Md.
 Foehl, Marie Elizabeth, D. C.
 *Fogerty, Rita M., D. C.
 Fowler, Ida Mae, D. C.
 Fries, Elizabeth Christine, D. C.
 *Frye, Virginia King, D. C.
 Fryer, Thelma Elizabeth, D. C.
 Fuller, Carrie May, D. C.
 Galpin, Charlotte Josephine, Ind.
 Garma, Marcelina, D. C.
 Gibson, Oba Juan, D. C.
 Golden, Anna Walsh, D. C.
 Goldner, Eva, D. C.
 Graff, Marie Christine, D. C.
 Guthridge, Eleanor Clagett, D. C.
 †Hamilton, Ruth Cain, D. C.
 *Hammond, Elsie Blanche, Ala.
 Hammond, Grace Wilhelmina, Va.
 Hancock, Louise Anna, D. C.
 Hanft, Ella Amelia, D. C.
 Harbaugh, Eva Luella, Md.
 *Harrington, Nellie Cecelia, D. C.
 †Harris, Elizabeth Anne, D. C.
 Hazell, Audrey Veronica, D. C.
 *Henley, Evelyn Vyolette, D. C.
 Hester, Swannie Lee, N. C.
 Hicks, Pearl, Fla.
 *Holloman, Frances Josephine, Md.
 Huff, Lucy McCourt, D. C.
 Hull, George Russell, Md.
 Hyde, Elizabeth, D. C.
 Jester, Mary Elizabeth, Va.
 Johnson, Lasky, D. C.
 Johnson, Lasky Wanstall, D. C.
 *Kalb, Dorothy Buhrman, D. C.

- Kaplan, Leah, D. C.
 Karmany, Edward Lincoln, Pa.
 Keith, Dallas, D. C.
 †Kiefer, Marion Maurine, D. C.
 Kiernan, Helen Cogan, Mass.
 *King, Mary Anna, D. C.
 Koonce, Anna Rebecca, D. C.
 Kupfer, Julie Adele, D. C.
 Lackey, Mary, D. C.
 †Leaman, Kathryn, Md.
 Leapley, Lillian Thomas, D. C.
 †Leckey, Ashley, D. C.
 *LeHew, Helen Frances, D. C.
 Lepper, Georgia Hummer, Md.
 Lewis, Maud, Ind.
 †Lewis, Mildred Kellogg, D. C.
 *Lichtner, Lee Garrett, Pa.
 *Linfoot, Frances Carter, D. C.
 Loar, Jean MacFarland, Md.
 Lovell, Jeannette Elizabeth, Md.
 McCauley, Mildred King, D. C.
 *McCubbin, Eva Marie, D. C.
 *McDonald, Julian E., D. C.
 McGuigan, Emma Rebecca, Va.
 McKinley, Margaret, D. C.
 McPhellters, Mary, D. C.
 Macina, Mary Lucia, D. C.
 *MacPherson, Euene, D. C.
 Magill, Gertrude Elizabeth, D. C.
 Malcolm, Eugenia Ross, Iowa
 *Marcera, Agnes Mary, D. C.
 Marshall, Miriam, D. C.
 Marshall, Violet Anath, D. C.
 Masson, Helen Burd, D. C.
 Masson, Mary Graham, D. C.
 Mattingly, Mary Alice, D. C.
 †Meira, Lola Howell, D. C.
 Michaelis, Cecelia Leon, D. C.
 Milbourne, Dorothy Vickers, D. C.
 Milburn, Frances Margaret, Md.
 Miles, Elizabeth Webb, D. C.
 *Montague, Elizabeth C., Va.
 *Morris, Sara Roberts, Va.
 Murray, Elizabeth Louise, D. C.
 Murray, Margaret, D. C.
 *Newman, Marian Anderson, D. C.
 Nonck, Fannie R., D. C.
 Nolte, Dolores Sanders, D. C.
 Oakley, Elona, D. C.
 *Ourand, Margaret, D. C.
 Owens, Irene M., D. C.
 Paine, Eva Springman, D. C.
 Payne, Willie May, Va.
 †Peeples, Elizabeth Kalb, D. C.
 Percy, Mildred St. Martin, D. C.
 Perry, Sue Frances, N. Y.
 Popkins, George Ross, D. C.
 Powell, Katherine Mozelle, Va.
 *Preston, Annie Helen Elizabeth, Va.
 Prosl, Beatrice Frances, Mass.
 Pyle, Dorothy Boyd, D. C.
 Ranow, Pearl Mae Thurber, Wisc.
 Richwine, Margaret Helen, Va.
 Riordan, Helen Mead, D. C.
 †Rising, Elaine, D. C.
 *Rodier, Ruth Ella, Mass.
 †Rogers, Alberta Emily, Pa.
 Rogers, Alla Harman, D. C.
 Rucker, Edwina Fenner, D. C.
 Rupperecht, Elsie Christine, D. C.
 Ryder, Agnes Loretta, D. C.
 *Safford, Ruth Perkins, D. C.
 Salter, Kathryn C., Fla.
 Santos, David Reade, D. C.
 Saunders, Arbutus Rose, Conn.
 Schmidt, Martha Rowlett, D. C.
 Schwartz, Raphaela Ethlyn, D. C.
 Scordos, Alice Katie, D. C.
 Scott, Marian Emma, Md.
 †Scrivener, Emily, D. C.
 Scrivener, Katherine Faber, D. C.
 Scull, Murile Joy, D. C.
 *Sharman, Susie Ann, Va.
 Sheppard, Cecelia May, Md.
 Shewmaker, Sibyl, D. C.
 *Silber, Tillie, D. C.
 Silverman, Tessie, D. C.
 *Simpson, Jean Fredericka, D. C.
 †Smith, Gladys Garrany, D. C.
 Souder, Laura Katherine, Md.
 Sparks, Lucille Conway, D. C.
 *Staub, Virginia Reese, D. C.
 Stebbins, Daphne LaZelle, Md.
 Sterne, Margaret, D. C.
 Stewart, Margaret Bell, D. C.
 Stohlman, Helen, D. C.
 Stokes, Jean Cyrille, D. C.
 Strobel, Ruth Alberta, D. C.
 Sullivan, Marie Elizabeth, N. Y.
 †Sullivan, Nana F., D. C.
 *Thomas, Sarah Frances, Ala.
 †Thompson, Lida Jane, W. Va.
 Tracy, Ethel Wynne, D. C.
 †Umbaugh, Margaret Grimm, D. C.
 VanDriesen, Bessie Lee, D. C.
 Veilmeyer, Louise, D. C.
 †Walmsmith, Retta Esther, D. C.
 Ware, Grace Pickering, D. C.
 Watson, Vinnie Wait, Va.
 Weedon, Caroline Elizabeth, D. C.
 †Weilla, Olive, Calif.
 †Weirich, Mary Virginia, D. C.
 Wescott, Mary Anne, Va.
 *Whipp, Edna Wainwright, W. Va.
 Williams, Ada May, Md.
 Williams, Edith Margretta, D. C.
 *Williams, Effie May, D. C.
 †Williams, Genevieve Rowley, Md.
 †Williamson, Goldie Marie, D. C.
 Wilson, Josephine Eleanor, Md.
 Wood, Bessie Taylor, D. C.
 Wool, Ethel, D. C.
 *Youngblood, Rubie Walker, D. C.
 Zeiders, Harriet Irene, Pa.

SOPHOMORES

- Abramson, Margaret, Va.
 Aldredge, Baulah Price, D. C.
 Appich, Eleanor Lindsey, D. C.
 Austin, Violet K., Md.
 Bensley, Margaret Davis, D. C.
 Berg, Jake, D. C.
 Bigos, Mary Magdalene, Pa.
 *Birch, Marion, D. C.
 Blackney, Gladys, D. C.
 †Brooke, Gladys, Md.
 Buckler, Edythe A., D. C.
 Bugbee, Harriet May, D. C.
 Burch, Irma Louise, D. C.
 *Burkett, Vivian Agnes, Va.
 Burrows, Edna Gertrude, D. C.
 Butler, James Watson, N. C.
 †Cage, Ora Ethel, Calif.
 Caughey, Sadie, D. C.

- Chamberlin, Kathryn, D. C.
 *Clinton, Lahuna Elizabeth, D. C.
 Cook, Frances Earle, Md.
 Cooper, Harold Houghton, D. C.
 †Dick, Ruth Eleanor, D. C.
 Finckel, Elinor Keller, D. C.
 Fisher, Elizabeth Crosby, D. C.
 Frits, Florence Ruth, D. C.
 Fulton, Frances Mary, D. C.
 Gibson, Mary Snyder, D. C.
 Gilchrist, Estelle Marguerite, D. C.
 *Gravatt, Florence Ramsey, D. C.
 Greenwell, Dorothy Elizabeth, D. C.
 *Gregg, Emma Gibson, D. C.
 *Haycock, Bernardine Janney, D. C.
 Hechmer, Mildred M., D. C.
 Hickman, Mildred May, Md.
 *Hoeff, Alice Marie, Va.
 Holden, Ruth, Tenn.
 Hoover, Lois Elizabeth, D. C.
 Howard, Helen Carolyn, Md.
 Hutt, Sylvia Costin, Va.
 †Israel, Winifred Boyce, D. C.
 Jamieson, Elisabeth Cecelia, D. C.
 Janson, Elsie S., D. C.
 Kinney, Lucile, D. C.
 Kroell, Marie Elsie, D. C.
 Lacase, Eulalie, Tex.
 Lewis, Nancy Ellyson, Va.
 Lindsay, Elisabeth V., D. C.
 Loane, Margaret Larcombe, D. C.
 Lohmann, Elsa, D. C.
 Lusby, Viola Berger, D. C.
 McAuliff, Eleanor P., D. C.
 McDonough, Marguerite T., D. C.
 Maise, Margaret Elizabeth, D. C.
 Martyn, Jeannette Elizabeth, D. C.
 Miller, Nina, D. C.
 Morgan, Mary Edna, D. C.
 Morris, Laura, D. C.
 Moyer, Ada L., Ohio
 Mulford, Bessie Boyd, D. C.
 Neumann, Margaret Marie, D. C.
 †Nichols, Helen Gilman, D. C.
 Nichols, Mildred Jenney, D. C.
 †Norton, Zinn Tallie A., D. C.
 O'Neil, Mary Elizabeth, Conn.
 Pate, Virginia M., D. C.
 *Pullman, Hilda, Va.
 *Redd, Sallie Edmunds, Va.
 †Reed, Edward Dennis, D. C.
 Richardson, Katherine Elizabeth, D. C.
 *Roberts, Mildred Etta, D. C.
 Rowe, Ellen M., Fla.
 Ruby, Mary Helena, D. C.
 Ruth, Catherine Rose, D. C.
 Sanderson, Lennie Roberts, D. C.
 *Sanford, Sarah Frances, Mass.
 Schmidt, Regina Marie, D. C.
 †Schneider, Katherine, D. C.
 Sherman, Mary Ida, D. C.
 Stam, Lillian Roberts, D. C.
 Standiford, Margaret Wilson, D. C.
 Swain, Margaret Madeline, Mass.
 Tatum, Margaret, S. C.
 Thissell, Mildred Frances, Mass.
 Twilley, Annette Mary, D. C.
 *VanDyke, Mabel, D. C.
 †VanOrmer, Elisabeth, Pa.
 Walten, Helen Isabel, D. C.
 Wanestall, Grace, D. C.
 Watkins, Wilma Louise, Md.
 Wells, Chloe Eliza, Va.
 Williams, Alice, Ill.
 Woodrow, Doris Evelyn, D. C.
 Woodward, Unis, D. C.
 Wright, Elsie Star, Va.

JUNIORS

- Aitcheson, Mary Caroline, Va.
 Alber, Madeleine Marie J., Ind.
 Allison, Adele Lilly, D. C.
 †Anderson, Audrey Joanna, Va.
 Baldwin, Carrie Beller, Tex.
 Ballinger, Lulu Emma, D. C.
 Barnes, Beulah Shull, D. C.
 Bayne, Wert Tennis, Ala.
 Bergin, Katherine Elizabeth, D. C.
 *Birrell, Gordon Brown, Md.
 Bond, Gladys Ann, Ill.
 Brackett, Beasie May, Me.
 Britton, Margaret Evelyn, Va.
 Bromley, Burt Martin, Md.
 *Brown, Emily Foster, D. C.
 Brunschwig, Lily, D. C.
 Bryant, Josephine, Kans.
 Burch, Helen Regina, D. C.
 Burt, Gertrude Elizabeth, N. Y.
 Burton, Helen Ione, D. C.
 Bush, Grace, D. C.
 Byler, Emma Shumway, D. C.
 Carroll, Zata Vileita, Pa.
 Castleman, Virginia Carter, Va.
 Chambers, Miriam Palmer, Md.
 †Coates, Lyla Mildred, D. C.
 †Colwell, Edna Pearl, Mich.
 *Cook, Laurel Dana, Md.
 Cornell, Edward Meayburry, D. C.
 Cox, Thelma Cecelia, D. C.
 Crook, Anna Margaret, D. C.
 Davis, Ruth Elizabeth, D. C.
 Denison, Harriet Alberta, D. C.
 Didden, Marie Wilhelmsen, D. C.
 Dilger, Mary Anne, D. C.
 Edinburg, Florence P., Mich.
 Evans, Naomi Catherine, D. C.
 Ewer, Maidee, Calif.
 Ewers, Alys Helene, D. C.
 Finnie, Frances Ruth, D. C.
 Foster, Evelyn Deane, D. C.
 Gantley, Helen Gertrude, D. C.
 Garrela, Agnes Frederica, D. C.
 †Getty, Mildred Newbold, Md.
 Gill, Mary Louise, Va.
 Goodloe, Agnes Hoge, D. C.
 Gray, Marceline Elizabeth, Md.
 Green, Mildred, D. C.
 Harper, Helen Virginia, D. C.
 Harris, Freeda Lucille, D. C.
 *Harris, Louise Presson, Va.
 Hayes, Laura Gertrude, D. C.
 †Herron, Fred J., N. C.
 Howard, Josephine T., Va.
 Hughes, Mary Estelle, Ga.
 Hunt, Lucy Jones, D. C.
 Jones, Virginia Margaret, D. C.
 Judd, Ruth Chapman, D. C.
 Kale, Norma Josephine, England
 Keliher, Alice V., Md.
 Kellogg, Mary Helen, D. C.
 Kemball, Dorothy J., D. C.
 Kennedy, Mabel Louise, Va.
 Kennedy, Willie Maude, Tex.

Krouse, Clara Margaret, D. C.
 Lereh, Sara R., Pa.
 Lind, Alma Grace, D. C.
 *Loetach, Antoinette Dorothea, D. C.
 Louden, Marian, D. C.
 Luers, Edna May, Md.
 *Lukens, Ruth Anna, Pa.
 McCauley, Irma Gertrude, D. C.
 McClelland, Anna Laura, D. C.
 McDonnell, Mary Jane, Conn.
 McKenna, Laura Emma, N. H.
 McKnew, Margaret D., D. C.
 McNamara, Rosemary, D. C.
 Maloney, Emma Jane, D. C.
 Masterson, Elizabeth, D. C.
 Miller, Ella, D. C.
 Miller, Mary Agnes, D. C.
 Monar, Helen Fuller, D. C.
 Moody, Ada Cleorah, D. C.
 Moore, Margaret D., N. Y.
 Moore, Myrtle E., Tex.
 †Mortimer, Florence Craigie, D. C.
 Mueller, Anita Virginia, D. C.
 Munster, Catharine M., Md.
 Nance, Nellie Ward, Va.
 Naylor, Evelyn, D. C.
 *Nawonger, Estella Leas, D. C.
 Parton, Virginia M., D. C.

†Payne, Nellie Angeline, Va.
 Piepenbrink, Anna Louisa, Ind.
 Ramsey, Elizabeth Margaret, Va.
 Ramsey, Olive, D. C.
 Reynolds, Anna Louise, Ga.
 Roach, Carrie Mae, Okla.
 Rouse, Mary Rosella, Va.
 Saunders, Marian Elizabeth, D. C.
 Schwartz, Margaret Anna, D. C.
 Shesda, Mary Elizabeth, D. C.
 Shoemaker, Mary Katherine, D. C.
 Shuey, Elva Town, N. Y.
 *Simondson, Edward Armour, D. C.
 Smith, Ruth Lillian, D. C.
 †Spelden, Jeannette, Md.
 Suter, Thuras Elizabeth, D. C.
 Thomas, Genevieve E., D. C.
 †Trabond, Juliet Adelaide, Md.
 Waldron, Callie S., D. C.
 Walker, Frances Estelle, D. C.
 Wallace, Florence Catherine, D. C.
 Wedgworth, May, D. C.
 Welch, Helen Genevieve, Mass.
 Wild, Estelle Parthenia, D. C.
 Williams, Winifred May, Md.
 Winn, Agnes S., D. C.
 Young, Grace Victoria, D. C.

SENIORS

Aaronson, Matilda, D. C.
 Atchison, Marguerite, D. C.
 Beer, Mary Arnold, D. C.
 *Bock, Ruth, D. C.
 Bowker, Ellen Mabel, D. C.
 Bundick, Harriet Ellen, D. C.
 Butts, Ruth E., D. C.
 Chapman, Marion Louisa, D. C.
 Clough, Adelaide Crane, Md.
 Coope, Jesse, D. C.
 Cramer, Mary Amber, D. C.
 Crook, Ella Margaret, D. C.
 Darby, Margaret Ijama, Md.
 DePottier, Victor A., N. Y.
 Dodek, Fannie, D. C.
 *Dulin, Cecelia Pinkney, D. C.
 Ericson, Anna Lucinda, Ky.
 Fisher, Virginia Winston, D. C.
 Gaines, Jay Carleton, Iowa
 *Gessford, Margaret, D. C.
 Gravatte, Jeanne, D. C.
 Gregory, Florence Isabel, D. C.
 *Guyton, Agnes Harriet, Ohio
 Hamilton, Ann Sparks, Ga.
 Handy, Jessie Bruce, D. C.
 Hanford, Robert Wesley, Conn.
 Hauke, Edna Elizabeth, D. C.
 *Hayes, Jennie V., Pa.
 Hessler, Agnes Bertha, D. C.
 Hope, Mary Edwina, D. C.
 †Hyde, Sadie M., Okla.
 Jamison, Patty Ann, Colo.
 Jones, Florence May, Nebr.
 Kennelly, Anna M., D. C.
 Kilpatrick, Edna Fick, D. C.
 Kincaid, Pansy Staley, W. Va.

*Kirby, Virginia, D. C.
 Kutz, Mary E., Ind.
 Lewis, Elizabeth Stanton, D. C.
 *Lloyd, Elizabeth Gregg, Va.
 Long, Pauline Yates, D. C.
 *Lupton, Helen Augusta, D. C.
 McCollam, Helen Ann, D. C.
 †McLear, Alice, D. C.
 (deceased)
 †Matthews, Marla Glenn, Va.
 *Moore, Louise M., D. C.
 Morgan, Edith Frances, Ill.
 Mothershead, Marjorie Winifred, D. C.
 Murphy, Mrs. Ieglenna, Md.
 *Nicol, Mary B., Md.
 Newhouse, Enola Harriet, D. C.
 *O'Connell, Margaret Jean, Wisc.
 Pepper, Margaret, D. C.
 Quirk, Anna Myrtle, Pa.
 *Reilly, Matthew F., Pa.
 Ryan, Josephine Hart, D. C.
 Schmidt, Lillie Teresa, D. C.
 Scott, Esther Webb, Md.
 Sessions, Maude, D. C.
 Smith, Margurite Euen, D. C.
 *Snow, Mary Miller, D. C.
 Steele, Marguerite L., Pa.
 Talladerra, Julia Crawford, Va.
 *Taylor, Bertha Elmore, D. C.
 *Turner, Marie Agnes, D. C.
 Venning, Gladys, Md.
 *Volker, Herman L., D. C.
 Walcott, Sara Helen, D. C.
 Wimer, Martha Elizabeth, D. C.
 *Wingate, Rosa, D. C.
 *Woodin, Virginia, D. C.

UNCLASSIFIED

Blandford, Hannah McLean, D. C.
 Bruner, Pauline M., Ind.
 Bryan, Bess Lucile, Tenn.
 Burbans, Alice, N. Y.
 Burk, Margaret Melissa, D. C.

*Close, Marion Brown, Md.
 Diller, Hilda Marie, D. C.
 Hastings, Mamie, Md.
 Hlatt, Pearl, Md.
 Jackson, Jean VanLoan, D. C.

Klavans, Ethel, D. C.
 Knighton, Helen Margaret, D. C.
 *Loud, Helen Torrey, Mich.
 McNeil, Winifred Agnes, D. C.
 Morrison, Estelle Laura, D. C.
 Newman, Ramona Jane, D. C.
 Ogden, Marian Elizabeth, D. C.
 *Olney, Pansy Wilde, Wash.
 Robinson, Sallie Perrie, Md.
 Soller, Paulino Castillo, D. C.

*Stearns, Elsie Maryette, D. C.
 Stirratt, Clara Mae Anderson, Utah
 †Thomas, Mary Elizabeth, D. C.
 Thompson, Anna Savilla, D. C.
 Thurston, Evangeline, Mo.
 Tighe, Florence Mary, D. C.
 Vyne, Louise Leonard, N. C.
 Walton, Ruth Aline, Pa.
 Ward, Ruth, D. C.
 †Whaley, Mildred Cecile, D. C.

SPECIAL STUDENTS

†Acheson, Elizabeth N., D. C.
 Alburts, Susan Sipe, Md.
 Alexander, Georgia Louise, Mo.
 Alwine, Daisy Catherine, D. C.
 Austin, Miriam Jones, D. C.
 Barnard, Caroline Fanning, D. C.
 Bays, Mary Therese, Switzerland
 Bixler, J. Louis, D. C.
 Black, Margaret Anne, D. C.
 †Booth, Rebecca Acheson, D. C.
 Breen, Mary Cecelia, D. C.
 Brown, Violet Marie, Pa.
 Burghardt, Ruth Mildred, Mass.
 †Burlingame, Annie Elizabeth, D. C.
 †Butts, Frances Moon, Va.
 *Carr, Crockett Claude, Va.
 *Cokerille, Mary Louise, D. C.
 Corkery, Opal, D. C.
 *Curtis, Mary Irene, D. C.
 †Darnella, Eliza Elmsom, D. C.
 Dice, Gladys Romaine, D. C.
 Donahy, Katharine, D. C.
 †Draney, Mary Elizabeth, D. C.
 †Elkin, Mabel Lou, D. C.
 †Elliott, Kathrene Jane, Va.
 †Ellis, Elsie Barnes, Va.
 Ennen, Elizabeth Baxter, Tenn.
 *Fietzer, Emma Jo, Wisc.
 †Frank, Mary Woods, D. C.
 †Furmage, Mary Isabelle, D. C.
 †Gardner, Emma Almeda, D. C.
 Gibbs, Kate, D. C.
 Gore, M. Florence, D. C.
 †Greenaway, Coralie, Va.
 *Hamilton, May Staley, Va.
 Hecox, Geneva Johnston, Va.
 Hopper, William Hall, Md.
 †Huff, Dasie Morgan, D. C.
 Hughes, Harvey Robinson, Md.
 Jewell, Edgar Guy, Md.
 †Johnson, Charles Albert, D. C.
 Jones, Queena Victoria, Va.
 Jordan, Isabel Louise, D. C.
 Kelly, Jobyna, D. C.

†Kelsey, Gertrude Eloise, D. C.
 †Kent, Sophie Bishop, R. I.
 Kileawley, Anna Frances, N. Y.
 Kirk, Ruth Kimbrough, Va.
 †Lathrop, Jessie Ruth, Iowa
 †Lee, Lelia, D. C.
 Lewis, Lillie Venable, Va.
 Lufrio, Mary Helen, D. C.
 †Lyddane, Margaret Read, D. C.
 McCoy, Maud Virginia, Md.
 †McFarland, Mary Cornwell, D. C.
 McPheeters, Scottie, D. C.
 Mason, Lillian, D. C.
 Mellichampe, Susanne Stevenson, D. C.
 Meloy, Isabella Rittenhouse, D. C.
 Michaelson, Elsie Eleonore, D. C.
 Miller, Edith Lillian, Kansas
 Murphy, Ieglenna, Md.
 Naylor, Elizabeth, D. C.
 Neal, Thomas Garland, P. I.
 Oberly, Ruth M., D. C.
 †Ossire, Cora Amelia, D. C.
 †Ossire, Mary, D. C.
 *Palmer, Eleanor Livingston, D. C.
 Payne, Helen Mary Edwards, D. C.
 Paynter, Grace Moore, D. C.
 †Petrie, Cleora Belle H., Egypt
 Pimper, Cora H., D. C.
 †Pulizzi, Blanche Louise, D. C.
 Saunders, Sophie Alcorn, Ky.
 Searles, Juliet MacCall, D. C.
 †Sisson, Abbie Mills, Ohio
 Springman, Helen B. D., Va.
 Staples, Clarence Leonard, Va.
 *Stock, Mollie T., Md.
 Surasky, Lily, S. C.
 Umhau, Katherine S., D. C.
 *Vaughan, Clara Blanche, Va.
 †Watts, Mary Jane, D. C.
 †White, Robert Alexander, D. C.
 †Willoughby, Lola Mary, D. C.
 †Wolfe, Emma McCullough, D. C.
 †Wroth, Margaret Price, D. C.
 †Young, M. Gertrude, D. C.

STUDENTS IN SUMMER SCHOOL

1925

Abernethy, Theodore J., D. C.
 Acantilado, Melecio G.
 Acee, Alfred, D. C.
 Adams, Helen T., Mo.
 A.B., 1924, University of Wisconsin
 Adkins, Edna M., D. C.
 *Adler, Carl, Poland
 Albert, Frank M., N. J.
 Albus, Paul C., Pa.
 Alden, A. Grace, D. C.
 Alderson, Wroe F., Wash.

Alexander, Hattie E., Md.
 Alfaro, Victor R., D. C.
 Allen, Lena, D. C.
 Allen, Mary L., D. C.
 Allen, Raymond E., Ohio
 *Alley, Marion, Mo.
 Ameigh, H. C., N. Y.
 Amis, William D., Jr., D. C.
 Amies, Mildred, D. C.
 Anderson, Elin, N. Y.
 Anderson, Gunhilde, Pa.

- Anderson, Norman T., Ill.
A.B., 1924, George Washington University
- April, Ella, N. J.
- Aronoff, Julius, D. C.
- Aronowsky, Dan, Mont.
- Arth, Olivia G., D. C.
- Aswell, James B., D. C.
- Atchison, Marguerite, D. C.
- Baber, J. M., D. C.
- Baber, Leonard C., D. C.
- Bachelor, Alice, Mass.
- *Bagby, Samuel L., D. C.
- Bailey, Malcolm E., D. C.
- Baker, Harley E., W. Va.
- Baker, Harry, Jr., D. C.
A.B., 1924, George Washington University
- Boland, Florian J., Pa.
- *Baldwin, Mrs. Emily A., D. C.
- Baldwin, Jacob H., D. C.
- Bales, Lt. William L., D. C.
A.B., 1924, George Washington University
- Ball, Alice M., D. C.
- Ball, Eleanor B., D. C.
- Banfield, Paul L., D. C.
- Banville, William F., D. C.
- *Barvella, Nicholas G., D. C.
- Barnes, Eulah S., Colo.
- Barnfather, Martin, D. C.
- Baraff, Charles, N. Y.
B.S., 1924, C. C. N. Y.
- *Barry, Helen L., D. C.
- Bassett, John E., D. C.
- Bateman, Rosemarie, N. Y.
- Bateman, R. D., D. C.
- Bateman, Mrs. Roy D., D. C.
- Bathgate, Harry O., Pa.
- Bauer, Emma B., Pa.
- *Baukhages, Minnie, D. C.
- Bauls, Irma M., D. C.
- Baumgarten, Adolph J., D. C.
- Baur, Raymond, D. C.
- Bayle, Samuel B., Md.
- *Bays, Mary T., Switzerland
- Beach, Clarence N., D. C.
- Beal, Annie Fletcher, Mo.
- Beal, Mrs. Virginia S., D. C.
- Beavers, Elisabeth, Ohio
- Becker, Rose, Ind.
- Bedell, Marion G., Conn.
A.B., 1921, Conn. College
- Beach, James C., Pa.
- Beede, Kenneth C., N. H.
- *Beij, Fay P., D. C.
A.B., 1917, George Washington University
- Bell, Helen E., Mo.
- Bembry, Elizabeth B., D. C.
- Bemis, Edward F., Mass.
- Bendheim, Leroy S., Va.
- Bennett, Annie N., Ga.
- Bennett, Nelson, Ill.
- Benson, J. Elmer, Md.
- *Berberick, Mary C., D. C.
- Berberick, Rose M., D. C.
- Berg, Jake, D. C.
- Bergin, Edward P., D. C.
- *Bernstein, Henry, D. C.
- Berliner, Julius F., D. C.
B.S., 1923, George Washington University; M.S., 1923, George Washington University
- Bettleheim, Edwin S., D. C.
LL.B., G. W. U. L. S.
LL.M., G. W. U. L. S.
- Bickford, Mildred F., D. C.
- Bigos, Mary M., Pa.
- Bing, Arden F., W. Va.
- *Bishop, Mary K., D. C.
- Bixby, George L., Mich.
- Bixler, J. Louis, D. C.
- *Blakeney, Jane F., D. C.
- *Blandford, Anna S., Md.
- *Blaurock, Veronica F., N. Y.
- Bledace, Dora B., Ky.
- Blew, Forrest A., D. C.
- Blythe, John H., Ky.
- *Boardman, Florence M., Mass.
- Bock, Ruth, D. C.
- Bond, Easom J., Ga.
- Booth, Nina M., N. Y.
- *Borcherding, Walter H., D. C.
- Borden, Hazel, Mass.
- *Borelli, John, Conn.
- Borjes, Clara Louise, D. C.
- Borow, Henry, Pa.
- Borowski, Stephen J., D. C.
- Boswell, Margaret, D. C.
- *Bougle, James A., Pa.
- Bounds, James A., Md.
- Bow, Virginia, Fla.
A.B., 1923, J. B. Stetson University
- Bowman, Joseph M., Va.
- Box, John C., Tex.
- Boyd, Helen M., D. C.
- Boyd, J. M., Utah
- Boyd, J. R., D. C.
- Bradford, Percy, D. C.
- Brake, Katherine, D. C.
- Brand, C. Martin, D. C.
- *Brannan, Charles T., D. C.
- Broder, Simon, N. Y.
B.S., 1924, Cornell University
- *Brodsky, Harry, D. C.
- Brogg, H. P., D. C.
- Bronaugh, Frank H., D. C.
- Brook, Addie J., Kan.
- Brooke, Walter Carroll, D. C.
- *Brooks, Janeiro V., D. C.
- Brown, Anita Belle, D. C.
- Brown, Della Belle, D. C.
- Brown, Edward, Jr., Va.
- Brown, Grace, Tenn.
- Brown, Herbert, D. C.
- Brown, James F., N. Y.
B.S., 1924, N. Y. University
- Brown, Josephine P., N. Y.
- Brown, Mildred N., Md.
- Brown, Orla Lyman, Ore.
- *Brown, Ralph Donald, Vt.
- Brown, Robert T., D. C.
- Bruce, Mary Oreon, Va.
- Brunner, Pauline M., Ind.
- Brunner, Charles C., D. C.
- Brunschwig, Lily, D. C.
- Bryan, William D., D. C.
- Bucia, Simplicio, P. I.
- Buckingham, Charles T., Pa.
- Buckman, Bertha, Va.
- Budd, Julius Joseph, N. Y.
- Buechels, Emma A., Ia.
- Bulkley, Ronald, D. C.
B.S., 1923, University of Utah
- Bundick, Harriet Ellen, D. C.
- Burgdorf, Ada Belle, D. C.
- Burgess, Sabra O., Ind.

- Burghardt, Ruth Mildred, Mass.
 Burlingame, Annie E., D. C.
 Burns, Dorothy Joy, D. C.
 Burns, Magdalen T., Minn.
 Burritt, Loren, D. C.
 B.S., 1917, Maryland State College
 Burt, Gertrude Elizabeth, N. Y.
 *Burton, Mrs. Elizabeth D., D. C.
 *Bussard, Marcel J., D. C.
 Byler, Emma S., D. C.
 Byne, Ida Mary, Vt.
 Byrn, Clara M., D. C.
 *Cadisch, Gordon F., N. Y.
 B.S., 1917, University of Illinois;
 M.B.A., 1924, New York University
 Caldwell, Joseph P., Pa.
 Cambouri, Manuel, D. C.
 Campbell, George K., Ill.
 Campbell, Jean T., D. C.
 Campbell, Merrill, Kan.
 Cannon, Joseph R., Pa.
 Cantrell, Lawson James, Tex.
 A.B., 1925, George Washington University
 Cantrell, William C., D. C.
 Phar.D., 1920, Baylor University;
 A.B., 1921, George Washington University
 Carden, Mrs. Mary S., D. C.
 Carmack, Agnes C., Fla.
 Carpenter, Mrs. Tina R., D. C.
 Carr, Margaret J. S., Md.
 Carroll, Reita L., Pa.
 Carroll, Zata Vileita, Pa.
 Carter, Elizabeth L., D. C.
 Carter, Zoe V., Pa.
 Casanges, Alexander, D. C.
 Castleman, Frances F., Va.
 Caton, Margaret B., Va.
 Caughey, Sadie, D. C.
 Cavanagh, John Richard, D. C.
 Cavanagh, Mary R., D. C.
 Cavanaugh, Patrick J., D. C.
 Cavennugh, Ernest D., N. C.
 A.B., 1921, Duke University
 Chase, Mary Louise, N. Y.
 Chambers, Miriam Palmer, Md.
 Chaney, Frank L., D. C.
 Chapman, Marion L., D. C.
 Chapman, Roberta, Va.
 Chappell, Ella Lorena, D. C.
 Chappell, Lillian, D. C.
 Charest, Anna M., Mich.
 Chase, William D., D. C.
 Chavez, Manuelita A., N. Mex.
 Chester, Frederick D., D. C.
 Cheyney, Jesse S., Va.
 Childs, St. Julian R., D. C.
 Chisholm, Catherine, Md.
 Chisholm, Mary E., Md.
 Churbuck, Percy Forrest, Mass.
 Cissel, Mrs. Aleze W., Md.
 A.B., 1921, Western Md. College
 Civen, Nathan, Tenn.
 A.B., 1918, Clark University
 Clancy, Margaret D., D. C.
 Clark, Helen A., D. C.
 *Clark, Stanley A., Okla.
 Clark, Wesley C., Mass.
 Clarke, Amy Isabelle, D. C.
 Clarke, India Payne, D. C.
 Clarkson, Gladys Marion, D. C.
 *Clements, Julia Lee, D. C.
 *Cline, Robert C., Va.
 A.B., 1923, George Washington University
 A. M., 1925, George Washington University
 Clinton, Lahoma E., D. C.
 Clough, Adelaide C., Md.
 Coakley, Harry B., Va.
 *Coates, Lyla Mildred, D. C.
 Cochran, Doris M., D. C.
 Cochrane, Mrs. H. P., Burma
 Colbert, Alice, D. C.
 Cole, Dorey, D. C.
 Cole, John W., D. C.
 Cole, Mary J., Pa.
 Cole, Mrs. Nellie M., Tex.
 Coleman, Mrs. Alice B., D. C.
 Coleman, Charles Hubert, D. C.
 A.B., 1924, George Washington University
 Coleman, James K., S. C.
 B. S., 1919, The Citadel
 Collins, P. J., D. C.
 Collins, William Moore, Pa.
 Colquitt, Dolores B., D. C.
 Conley, John L., D. C.
 Connitt, George H., D. C.
 Connolly, Helen L., Mass.
 Coogan, Edwin Charles, Va.
 Cook, Charles Morris, D. C.
 Cook, Claude A., Okla.
 Cook, Hildreth H., Ga.
 Cook, Mrs. Laurel D., Md.
 Coomba, Albert, Mass.
 Cooney, Edward Leo, D. C.
 Coops, Jessie, D. C.
 Cooper, Artie H., Pa.
 Cooper, Harold H., D. C.
 Cooper, Sybil L., Ia.
 Cordiner, Louise Elizabeth, D. C.
 Cornell, Madeline H., D. C.
 Corner, Charlotte T., D. C.
 Coughlin, Henry Williams, Mass.
 Couture, Mildred L., N. H.
 *Covina, Vincent E., Ia.
 *Cowbig, Freda, D. C.
 Coyne, Wynnfred, D. C.
 Cramer, Baxter B., Md.
 Creager, Dorothea, D. C.
 Crisp, Edwin S., D. C.
 Crockett, Bessie Lee, D. C.
 A.B., 1924, George Washington University
 Crockett, Lillian James, Tenn.
 Crofts, Leroy Arthur, Wyo.
 Croissant, Dorothy, D. C.
 Cromer, Kenneth, Va.
 Crook, Anna Margaret, D. C.
 Crook, Ella Margaret, D. C.
 Croswell, Frances, D. C.
 Crouse, Anna M., Pa.
 *Crowell, Ray, D. C.
 Cuatt, Fannie Lottie, N. Y.
 Curry, Basil Holloway, Tex.
 A.B., 1924, Baylor University
 Curry, Mary Alice, Miss.
 A.B., 1904, Miss. State College for Women
 Cushing, Earl Alex, Utah
 Dagnall, Bertha Isabelle, Conn.
 Dale, Lois, Ark.
 Dallas, Mary C., D. C.
 Daly, Marguerite Marie, D. C.
 A.B., 1925, George Washington University

- Daniels, Harriet Lois, Kans.
 Darby, Margaret I., Md.
 Darby, Rezin Hilton, D. C.
 Darner, Frank William, Ia.
 Davidson, Gilbert, Cal.
 Davis, Emily Cleveland, D. C.
 Davis, James Cox, Jr., D. C.
 Davis, Miriam, Calif.
 Davis, Paul Vincent, Mass.
 *Davis, Walter Sterne, D. C.
 Davison, Clarence C., N. J.
 Davison, Ruth Lowe, D. C.
 Day, Wilfred P., D. C.
 Dean, Benjamin F. Jr., D. C.
 Dean, Eloda B., D. C.
 DeBaryshe, Corinne, D. C.
 De Cell, Amele, Miss.
 Deffenbaugh, Ruth, D. C.
 Delaney, Martin D., Va.
 Delgrego, Arthur Leo, Conn.
 DeMarco, Mrs. Mary Agnes, D. C.
 Dendinger, Gertrude, Neb.
 A.B., 1925, S. W. University
 Dendinger, Kathryn B., Neb.
 Dengler, Ernest H., D. C.
 Denning, Ruth O., N. D.
 A.B., 1911 Ripon College
 Dennis, Milton L., Md.
 *DeZerega, Frederick C., Va.
 Dick, Dorothy K., Mrs., Colo.
 *Dick, Edgar, Colo.
 Dick, James M., Jr., Md.
 Dickerson, Edgar M., D. C.
 Dickinson, Eldred G., D. C.
 Diermier, Mrs. Natalie S., D. C.
 A.B., 1924, George Washington University
 Digges, Thomas G., Va.
 Dilger, Mary A., D. C.
 Dillon, Alexander E., D. C.
 Dishmon, Lyman H., D. C.
 Disney, Loren G., Okla.
 Dodge, Sidney W., D. C.
 Domigan, Horace W., D. C.
 Domigan, Ruth, Ohio
 Donahue, George J., D. C.
 Donovan, Elizabeth F., Ind.
 A.B., George Washington University
 Doran, Sarah L., N. Y.
 A.B., 1924, George Washington University
 Dougherty, Dorothy, N. Y.
 Dowd, Frank Joseph, Mass.
 Dowling, Thomas R., D. C.
 Draeger, Anna E., D. C.
 Drake, Beulah J., D. C.
 Driebelbis, Clarence E., D. C.
 Ducusin, Celso U., D. C.
 Duncan, Charles Y., Ky.
 Dunne, Eleanor C., D. C.
 Duraso, Lela R., D. C.
 Dutton, Lillian B., D. C.
 Duvall, Lindsay O., D. C.
 Dyar, Edna G., Minn.
 Dyer, Juliet E., D. C.
 Eagan, Francis, D. C.
 Earle, Roy Leeson, Md.
 Eckers, Anna William, D. C.
 A.B., 1900 Western College for Women
 Edwards, Edith V., Ohio
 Edwards, Elizabeth, Calif.
 Egan, John J., Mass.
 Ekberg, Lillian S., Minn.
 Eliason, Howard R., D. C.
 Elkin, Mabel Lou, D. C.
 Ellison, Thaddeus S., Tenn.
 Elaberry, E. Lyle, D. C.
 Ely, Robert B., D. C.
 Epperson, William P., Mo.
 Ericson, Anna L., Ky.
 Ershler, Irving, N. Y.
 Escher, Julia M., Aria.
 *Eskin, Herman, D. C.
 *Elskovits, Ellis, Me.
 *Evans, Dorothy D., Colo.
 Evans, Samuel, W. Va.
 Evans, Walter O., Ky.
 A.B., 1923, George Washington University
 Evans, William E. Jr., D. C.
 Everett, Hugh Jr., Tex.
 Fakler, Paul C., Minn.
 *Farrar, Charles H., D. C.
 Farrer, Alice M., D. C.
 Farrell, Fred C., D. C.
 Farris, May, Ind.
 Faust, Eleanor, Pa.
 Feehan, Nancy, Mass.
 A.B., 1925, George Washington University
 Felsteen, Benjamin, D. C.
 Fetterhoff, Charles T., Pa.
 Felpe, Hugh Edgar, Tenn.
 Ficklin, Kroes, Va.
 A.B., George Washington University
 Fierstone, Cleon King, Pa.
 *Filley, Ferris B., D. C.
 Finckle, Elinor Keller, D. C.
 Finnie, Frances Ruth, D. C.
 Fisher, Jessie Anne, D. C.
 Flak, Willis H., Md.
 Flagg, Grace L., Mrs., D. C.
 Flagg, Verna Mary, Ill.
 Flournoy, Harold H., Jr., D. C.
 *Fokides, Kleon D., Turkey
 Folsom, Eleanor E., D. C.
 Foot, Paul, Minn.
 Ford, Arthur H., D. C.
 Ford, Ella Mabel, D. C.
 Ford, Mason F., Ill.
 Foster, Dorothy Dean, Kan.
 A.B., 1919, Washburn College
 Fox, James Fulton, D. C.
 Frankenboff, Frances J., Kan.
 Frawley, Margaret L., D. C.
 Freehof, Hyman B., D. C.
 Frita, Florence Ruth, D. C.
 Fryer, Thelma E., D. C.
 Funk, John Benjamin, Md.
 Furbershaw, James F., D. C.
 Furnas, William E., Va.
 Gaddy, Vernie L., D. C.
 Gainer, Jay Carleton, Ia.
 Gallahorn, James Thomas, D. C.
 Gahagan, Mary E., D. C.
 *Galloway, Roberta B., D. C.
 *Gandy, Hoke, D. C.
 Ganey, Honora Agnes, D. C.
 Gantley, Helen Gertrude, D. C.
 Gardner, Truman Grand, Pa.
 Garman, Allen D., D. C.
 Garner, Wade H., D. C.
 *Garnett, Helen, Kans.
 Garrels, Agnes F., D. C.
 Gary, Edward T., D. C.
 Gascoyne, David Rodwell, D. C.
 Gates, Isabel Mrs., D. C.
 Geschickter, Minnie, D. C.
 Gettle, Marvin Edward, Ark.

- Gibson, Carter Taylor, D. C.
 Gibson, Mary S., D. C.
 Gibson, Oba, D. C.
 Gilbert, Harry A., Okla.
 Gilbert, Philip Joseph, Mass.
 Gilfoy, Francis E., Mass.
 Gilsdorf, Frederick James, Mont.
 Ginberg, Louis, D. C.
 Ginsburg, Morris, D. C.
 Girts, Maxine Lucile, D. C.
 A.B., 1923, George Washington University
 Glascock, Meta, Va.
 Goldman, Benjamin, D. C.
 Goldman, Joseph, D. C.
 Goldman, Myera, D. C.
 Goldsmith, Joseph B., Va.
 Goodman, Edgar Leonard, D. C.
 Goodman, Helen, D. C.
 Gorey, Marguerite E., Ill.
 Gouipee, Edward J., Pa.
 Gould, Vincent, N. Y.
 Graff, Charles T., D. C.
 Graham, Henry, D. C.
 Graham, Penelope, D. C.
 Grahame, Elizabeth B., D. C.
 Grant, Jerry Walter, D. C.
 A.B., 1919, Union College
 *Grass, Edward F., D. C.
 A.B., 1924, George Washington University
 Gravatte, Jeanne, D. C.
 Graves, John Thomas, D. C.
 *Gray, Emilie B., Md.
 Gray, Joseph Edward, D. C.
 Gray, Marceline E., Md.
 Greenberg, Abraham S., N. Y.
 B.S., 1923, C. C. N. Y.
 *Greene, William H., Va.
 *Greenlee, Zoda V., D. C.
 Greinke, Carl W., Kan.
 Gross, Irvin S., Pa.
 Griffith, Boyce, Va.
 Griffith, Eugene Everett, Va.
 Grimes, H. E., Okla.
 Groseclose, Eglin Earl, Okla.
 Groseclose, Solomon, D. C.
 Grutsik, Frank E., Wisc.
 Gunther, Clarence S., R. I.
 Guyon, Bergit, D. C.
 Guyton, Agnes H., Colo.
 Hafford, Thomas A., N. Y.
 Hagan, Jonathan F., Va.
 A.B., 1923, George Washington University
 Hagerman, Margaret, D. C.
 Haines, Alice, Minn.
 Hainsworth, Reginald G., D. C.
 Hall, Helen Frances, D. C.
 Hall, Wallace L., D. C.
 A.B., 1925, George Washington University
 Hamilton, Ann Sparks, D. C.
 *Hamilton, May S., Va.
 Hammack, Paul Willard, Va.
 *Hammond, Elsie Blanche, Ala.
 *Hand, Ellsworth Joseph, D. C.
 Hanford, Robert W., Conn.
 Handy, Jessie B., D. C.
 Hanley, Claude A., D. C.
 Hann, Raymond M., D. C.
 Hansch, Alfred Max, D. C.
 Harcourt, Gertrude T., D. C.
 Harding, Charlotte G., Md.
 *Harold, Margaret Mary, D. C.
 Harper, H. B., Ill.
 Harper, Robert M., D. C.
 Harrill, Byron J., D. C.
 Harris, Freeda Lucille, D. C.
 Harris, Martha Elizabeth, D. C.
 Harris, Thomas F., N. C.
 Harrison, Frank G., D. C.
 Hartley, Edgar Richard, D. C.
 Haskinson, Florence, D. C.
 Hasskarl, Augustus I., Nebr.
 Hathaway, Carson, D. C.
 A.B., 1916, Park College
 Havell, Mary Fulton, D. C.
 Hawkins, Lawrence Jennison, Mich.
 Hawkins, Walter, Conn.
 Hayes, Jack, Jr., D. C.
 Hayes, Jennie V., Pa.
 Hazell, Audrey V., D. C.
 Heath, Alma F., Idaho
 Heaton, Doris, D. C.
 Heavener, John H., Md.
 Heinold, Katherine, Mich.
 Henderson, Elizabeth, D. C.
 Henderson, Virginia E., D. C.
 *Henson, Rex Thomas, D. C.
 Hermans, Ariston J., P. I.
 Herr, George S., Pa.
 *Heslop, G. A. C., D. C.
 Hess, Laurie F., D. C.
 Hessian, Delia E., D. C.
 Hessler, Agnes Bertha, D. C.
 Heyl, Dorothy, D. C.
 Heyl, Mrs. Lucy K., D. C.
 Hiatt, Louise Esther, D. C.
 A.B., 1924, George Washington University
 Hickman, Clara, D. C.
 Higman, William Edwin Hart, Utah
 Hill, Lampport, Va.
 Himes, Mrs. Minnie, D. C.
 A.B., 1917, Cotner College; A. M., 1918, University of Nebraska
 Himmelberger, Anna M., Pa.
 Hipsley, Arthur P., D. C.
 Hodges, Louis C., D. C.
 *Holcomb, Joseph Newton, Ga.
 Holmes, O. W., D. C.
 Hooker, John Robert, Ohio
 Hopkins, Joy, D. C.
 *Horan, Katherine, Ohio
 Horbett, John E., N. Y.
 *Horn Bostel, James Lee, Miss.
 Horton, William D., Va.
 Hottel, Guy, Va.
 House, Matthew James, D. C.
 *Howell, James Fleet, Miss.
 Hubbard, Henry F., Md.
 Huber, Elbert Lowell, Nebr.
 Hubschman, Albert, N. Y.
 Hudson, Blanche L., D. C.
 Huff, Lucy M., D. C.
 Hughes, William H., D. C.
 Hunt, Lucy Jones, D. C.
 Hunt, Thelma, Md.
 A.B., 1924, George Washington University; A.M., 1925, George Washington University
 Hurley, Joseph W., D. C.
 Hutchinson, J. Raymond B., D. C.
 Hutson, Ruth B., D. C.
 A.B., 1925, George Washington University
 Ingle, Albert L., Miss.
 Ingold, John G., D. C.

- Isaman, Gladys M., Ohio
 Jackson, Jean V., D. C.
 Jackson, Ruth, D. C.
 Jacobs, Emma S., D. C.
 Jaeger, Walter H., N. J.
 Jaffe, Hayyim, Pa.
 James, Henry H., D. C.
 James, Leland F., Jr., D. C.
 James, Virginia H., Md.
 James, William George, D. C.
 Janson, Elsie S., D. C.
 Jarman, Thomas S., Va.
 Jester, James Gross, D. C.
 Jester, Leon W., Fla.
 Jex, Garnet W., D. C.
 Johnson, Everett R., Tex.
 Johnson, Mrs. Florence S., Va.
 Johnson, Henry H., D. C.
 Johnson, Laskey, D. C.
 Johnson, Mrs. Laskey W., D. C.
 *Johnson, Margaret L., D. C.
 *Johnson, Mildred Louis, Md.
 Johnson, Raymond Paul, Ill.
 Johnson, Robert M., D. C.
 Johnson, Roger C., Mo.
 Johnson, Ruth, Iowa
 Johnston, Alma May, Me.
 A.B., 1925, George Washington University
 Johnston, Clement M., D. C.
 Johnston, Edna Louise, D. C.
 Johnston, Everett Dale, Ohio
 Jones, Monnie Neil, Fla.
 *Jones, Stephen, Ala.
 Jones, Thomas Owen, D. C.
 Jones, Towner, Va.
 Jones, Virginia Margaret, D. C.
 Jones, William S., D. C.
 Jordan, E. V., D. C.
 Kail, Benjamin, Pa.
 Kaplan, Isadore, D. C.
 Kardys, John A., Conn.
 Karn, Minnie Virginia, Md.
 Katz, Harry, D. C.
 Katz, Max, D. C.
 Kause, Selma, Ohio
 Keeler, Mrs. Bessie M., D. C.
 *Keegan, Harry J., D. C.
 Keliber, Ahee V., Md.
 Keleher, Edith R., D. C.
 Keller, William F., Md.
 Kelley, Garth H., Pa.
 Kelly, James A., Jr., D. C.
 Kelly, William Francis, N. Y.
 Kemball, Dorothy J., D. C.
 Kennedy, Mary Hunter, D. C.
 Kenyon, Mrs. Mary I., Me.
 Kerlin, William James, Ia.
 Kernan, Ruth Taylor, D. C.
 Kettering, James H., D. C.
 *Key, Ernest Dayton, D. C.
 *Keyser, Joseph, D. C.
 Kiefer, Earle A., Jr., Md.
 Kieferle, George R., Pa.
 Kiernan, Helen C., D. C.
 *Killarney, Francis M., Mass.
 *Killeen, Mary Katharine, D. C.
 Kimberly, Arthur E., D. C.
 Kimble, James Norman, D. C.
 Kingsbury, Stuart S., Mich.
 Kinney, Don Ray, Ohio
 Kirby, Virginia, D. C.
 Kirkland, James Robert, D. C.
 Kirksey, Elisha B., D. C.
 Klapp, Frank Orrin, Ohio
 Klein, Ethel Lenora, Md.
 Klein, Margaret Anna, Pa.
 Kline, Donald C., Ohio
 Kline, Emily, D. C.
 Kline, Walter Lee, Jr., Md.
 Knight, Norman Louis, D. C.
 B.S., 1924, George Washington University
 Knight, Robert Ernest Jr., Va.
 Koch, Steele Blair, Pa.
 Kohn, Eva, D. C.
 *Kolb, John George, D. C.
 *Konsow, Morris, D. C.
 Kremer, Lawrence N., Tex.
 Krider, Harrison S., Pa.
 Kradl, Marie Elsie, D. C.
 Kullell, Earl, Ohio
 Kuison, Uldarico S., D. C.
 Kurtz, Herbert George, Pa.
 Lacase, Eulalie, Tex.
 Lake, Herbert B., Ohio
 *Lake, Matalce T., D. C.
 Lamar, Edward S., Md.
 Lane, Mary Agnes, D. C.
 A.B., 1919, Trinity College
 A.M., 1920, Trinity College
 Lane, William R., Neb.
 Lang, Francis J., N. Y.
 Lang, Richard James, N. Y.
 Langlais, Isabel, D. C.
 Langston, Raymond P., Okla.
 Lanham, Benjamin Edward, D. C.
 Larkin, William Harrison, D. C.
 Lashley, Stewart D., Pa.
 Lauck, Leona A., Va.
 Lawhorne, Bobbie H., Va.
 Lawrence, Walter B., Tex.
 Layton, Lois, Va.
 Lechlinder, Joseph L., Pa.
 Lee, Laura C., D. C.
 Lee, Lelia, D. C.
 Lepman, Harry, D. C.
 Lerch, Sara R., Pa.
 Lesser, Moses Aaron, Mass.
 Levine, Samuel, D. C.
 *Levinson, Jacob, N. Y.
 *Levy, Louis, D. C.
 Lewis, Jack D., Ind.
 Lewis, Maud, D. C.
 Lewis, William O., D. C.
 Linch, Mark N., D. C.
 Lind, Alma Grace, Ia.
 Lindquist, Clarence A., Ia.
 Linehan, Ella C., Mass.
 Little, Charles M., Md.
 Little, Lois A., Calif.
 Lohman, Blanche, D. C.
 Long, Pauline Yates, D. C.
 Lovewell, Kermit Milton, D. C.
 Lowe, Louella D., N. C.
 Ludwig, Gilbert K., Ohio
 Ludwig, Ralph V., Ohio
 Ludwig, Robert, Md.
 Lukens, Ruth Anna, Pa.
 Lumley, Mathian L., N. C.
 Lumsden, Florence, N. Y.
 Lupton, Helen A., D. C.
 Lynch, Lucy G., D. C.
 Lynnh, Theresa I., D. C.
 Lyons, Robert Donlan, S. D.
 A.B., 1920, University of Wisconsin
 McBroom, Walter S., D. C.
 McCabe, Henry L., D. C.
 *McCallum, Archibald Robert, D. C.
 McCann, Leo Patrick, D. C.

- McCarthy, Deborah, Va.
 McCarthy, John William, N. Y.
 McCarthy, Leonard D., D. C.
 McCarthy, Robert Earle, D. C.
 McCarty, Oneta, D. C.
 McCaskey, Ross M., Tex.
 McClelland, Irvin Richard, Ind.
 McClelland, Esther, Kan.
 McCloskey, William T., D. C.
 McCorkle, Daniel S., Va.
 McCormick, Marcella A., Ind.
 McCoy, Harold D., Wisc.
 McCoy, H. B., Ind.
 McCrillis, Paul, S. D.
 *McCullough, Joseph E., D. C.
 McDougle, Edith A., D. C.
 McGee, Florence M., N. Y.
 McGreevy, Joan Frances, D. C.
 McGrew, Irvin Jr., Tenn.
 McGuire, Erskine, D. C.
 McIntyre, Marie, D. C.
 McKenna, William Thomas, Pa.
 McKeown, Roy S., Okla.
 McLane, Ralph U., Md.
 *McLaughlin, Mrs. Carolyn, D. C.
 McLearn, Alice Bush, Del.
 McLeod, Helen Grace, Va.
 McLeod, Ingram Blair, Miss.
 McLeroy, Bryant Z., La.
 *McMillin, James M., D. C.
 McMichael, Nellie, Ohio
 McMullen, Francis Bruce, Md.
 McNamara, Rosemary, D. C.
 McPheters, Mary, D. C.
 McPheters, Scottie, D. C.
 McPherson, Richard Kearns, Mo.
 McVeigh, Harvey Ashly, Va.
 MacDonald, Mrs. Elizabeth, Md.
 MacManus, Ruth B., Wisc.
 MacNab, Ronald C., D. C.
 Macina, Mary Lucia, D. C.
 Maddox, Virginia S., Va.
 Magleby, Herbert A., Idaho
 Mahlman, Frederick H., Nebr.
 Malone, James F., Ill.
 Malpass, B. L., N. C.
 A.B., 1923, University of North Carolina
 Mangaliman, Simeon, D. C.
 Mangum, Susie Alice, D. C.
 Manion, Esther Ann, D. C.
 Manning, J. L., Va.
 Marbury, John B., D. C.
 Markley, Klare S., Md.
 B.S., 1924, George Washington University
 Markus, Frederic Emil, Mass.
 Marmion, Louis P., D. C.
 Marsh, Phylla Nellie, D. C.
 Martin, Wilbur W., D. C.
 Masson, Helen B., D. C.
 Mason, Lyle Millan, D. C.
 Mastellare, Amadeo V., Panama
 *Mattox, Virginia, Va.
 Mata, Dorothea G., N. Y.
 May, Alfred Albert, D. C.
 Mayo, Bernard Joseph, Me.
 *Mead, Mabel C., D. C.
 Mears, Jesse Kirk, Ohio
 Medley, Grace, Md.
 Meeds, Robert Edwin, D. C.
 Meeks, Ruby Virginia, Ga.
 *Megill, Frank Marion, Md.
 Mellan, Gerald B., Mich.
 Meloy, Edith Willard, D. C.
 Melton, Rosalie D., D. C.
 *Melville, Arthur J., N. Y.
 Mendelson, Joseph Lewis, D. C.
 Metcalf, Harley Edwin, D. C.
 Meyerhoff, Herman, Kans.
 Mesitis, Felo P., D. C.
 Milans, Albert Joseph, D. C.
 Milbourne, Roger Williams, D. C.
 Miller, Clarence W., D. C.
 Miller, Nina, Md.
 Miller, Russell P., D. C.
 *Miliken, William B., Jr., Colo.
 Minnigerode, Holdsworth G., D. C.
 Moeller, Otto, Va.
 Molina, Pio Querijero, P. I.
 Mon, Ora May, Ill.
 Monar, Helen Fuller, D. C.
 Monroe, Mildred J., Va.
 Monroe, Watson Hiner, D. C.
 Monsenate, Domingo N., Porto Rico
 Monson, Jessica Alfred, S. C.
 Montgomery, William H., D. C.
 Montska, Alfred Julius, Minn.
 Moore, Louise M., D. C.
 Moore, Morrow Harris, D. C.
 Moore, Myrtle E., Tex.
 Moore, Ruth R., Kans.
 *Moreno, Jose, P. I.
 Morgan, Mary Edna, D. C.
 *Morris, Krwitaky, Conn.
 Morris, Laura, D. C.
 Morris, Sara Roberta, Va.
 Morris, Wayne Howard, D. C.
 Morrison, Edward B., Va.
 Morrison, Laura Estelle, D. C.
 Morse, Willis B., Pa.
 Mosely, Elizabeth L., Tex.
 Moseley, Stuart Younger, Va.
 Moskey, Frank R., Md.
 Moss, Benjamin, D. C.
 Moyer, Ada L., Ohio
 Moynihan, Anna V., Mass.
 Mulligan, Rex Phillip, D. C.
 Mullins, Irma, D. C.
 Murphy, Dorothy Marie, Pa.
 Murphy, Ewell Edward, Tex.
 Murphy, Herbert Milton, Md.
 Murphy, Iegenna, Md.
 Murphy, Joan Catherine, Vt.
 Murray, Thelma Marie, Ala.
 Murrill, Minnie Douglas, D. C.
 A.B., 1924, George Washington University
 Mutchler, Willard H., Pa.
 Myers, Hu Blakemore, D. C.
 Nations, Florence R., D. C.
 A.B., 1923, George Washington University
 Neal, Martha H., Ga.
 *Nebenfuchr, John, D. C.
 Nelson, Reuben Andrew, Calif.
 Nelson, Roy W., Nebr.
 Neumann, Margaret Marie, D. C.
 Newhouser, Enola Harriet, D. C.
 Niccum, Norman, Kans.
 Nichols, Betty Consuelo, Va.
 Nicol, Mary Bell, Md.
 Nilson, Ralph Gilbert, Mass.
 Nolan, Edward George, D. C.
 Nolin, Francis Harry, N. H.
 Norelli, Vincent Benjamin, Conn.
 Norson, Henry Thomas, England
 Noyes, Martha, Pa.
 Nugent, John A., Va.
 Ober, Mary King, D. C.

- *O'Brien, Austin, Wyo.
 O'Connell, Margaret Jean, Wisc.
 Oertly, Allan W., D. C.
 Offenbacher, Adam, D. C.
 Ogg, William Raymond, D. C.
 Ogilvie, John E., Va.
 O'Leary, John Joseph, Mass.
 Omwake, Katharine Tait, D. C.
 A.B., 1924, George Washington University; A.M., 1925, George Washington University
 Orem, John Manly, D. C.
 Orndorff, Mildred Lee, Va.
 O'Rourke, Douglas James, Idaho
 Orton, Clarence F., Nebr.
 Osborn, Mrs. Evelyn Y., N. J.
 Osterhout, Karl Jackson, Pa.
 Otley, Lulu Dorothy, Va.
 Owens, Frank M., D. C.
 Paine, Eva Catherine, D. C.
 Palma, Enrique R., P. I.
 *Pania, Joaquin Lopez, P. I.
 B.S., 1925, George Washington University
 Parker, Dorothy Gladys, D. C.
 Parks, Ruth Anderson, Mass.
 Parrigin, Ivan Frank, Ky.
 Partlow, Benjamin W., Va.
 B.S., 1921, Washington and Lee University
 Parton, Natalie Leo, D. C.
 A.B., 1923, Trinity College; A.M., 1925, George Washington University
 Parton, Virginia M., D. C.
 Paulson, Freeman R., Ia.
 Payne, Nellie A., Va.
 Pearsall, John B., D. C.
 Pepin, Theophilus Nelson, D. C.
 Pepper, Margaret, D. C.
 Perkins, Manlio M., Vt.
 *Perry, Arthur C., Tex.
 *Person, Benjamin V., Tex.
 Peter, Fannie Irene, Ill.
 Peterson, Eric George, Kans.
 Petrie, John S., D. C.
 *Philbrook Ralph Alger, Mass.
 Phillips, Gertrude Marie, D. C.
 Philpitt, Blanche W., D. C.
 Pike, Albert Hamilton, D. C.
 Pim, James Harvey, Colo.
 Pinch, Thomas M., D. C.
 Pittman, Estelle M., Ohio
 A.B., 1925, George Washington University
 *Plotaky, Albert, D. C.
 Plugge, Caroline, D. C.
 Plugge, John Ade, D. C.
 Pohl, Erwin Robert, N. Y.
 A.B., 1925, George Washington University
 Pomery, Floyd S., Ill.
 *Poole, Minnie Letha, D. C.
 Porter, Etta C., N. Y.
 Potts, J. Bernard, D. C.
 *Powell, Edith Belle, D. C.
 Powell, Henry Clay, D. C.
 *Powell, James Emerson, D. C.
 Price, Mary Elizabeth, Md.
 *Price, Mercer Lee, D. C.
 *Prince, Mary Elizabeth, Va.
 Prosl, Beatrice Frances, Mass.
 Pucci, Dominic Louis, Mich.
 A.B., 1924, George Washington University
 Pugh, Lucy R., Miss.
 Putman, Amy D., D. C.
 Putney, Max Cecil, D. C.
 Quackenbush, Elizabeth, N. Y.
 Quijano, Juan R., P. I.
 Quirk, Anna Myrtle, Va.
 Rabinowitz, Harry W., Conn.
 B.S., 1923, Yale University
 Ramey, Frank, Va.
 Randolph, Frances, D. C.
 Ranow, Pearle Mae, D. C.
 Raub, Clifford Alcom, D. C.
 Reardon, Lucy, Va.
 Redford, Carroll Morris, Ky.
 Reed, Edward D., D. C.
 Reich, Geneva Elizabeth, D. C.
 Remington, Ricardo E., D. C.
 Reynolds, Anna Louise, Ga.
 Rhenby, D. Grace, Ind.
 Rice, Julius Herbert, Pa.
 Richardson, David Frederick, Mass.
 B.S., 1923, Worcester Polytechnic Inst.
 *Richards, Helen E., D. C.
 A.B., 1924, Trinity College
 *Richards, William Noble, D. C.
 Richard, Ruth Elizabeth, D. C.
 Riggs, George Henry, Jr., Md.
 *Riley, Hugh E., Mo.
 Riley, Thaddeus A., Mo.
 Rusk, Henry T., D. C.
 Rinehart, John C., D. C.
 Ristig, Martin Harold, D. C.
 Ritchey, Florence R., Ohio
 Ritchie, Don C., D. C.
 Robb, Helen Frances, D. C.
 Robb, Vivian, Ia.
 Robbin, Barney M., D. C.
 Roberts, M. Clyde, Miss.
 Roberts, George L., D. C.
 A.B., 1924, George Washington University
 Robert, Hugh S., Pa.
 Roberts, Norman M., Va.
 Robertson, Pearl, D. C.
 Robinson, Mary Edith, D. C.
 Rodgers, Alberta Emily, D. C.
 Rodier, Phil L., D. C.
 Roebken, Esther M., D. C.
 Rommel, George Frederick, D. C.
 Rose, Irving S., D. C.
 Rose, Joseph, D. C.
 Rosett, Walter, Md.
 Rosson, Bernard A., D. C.
 Rouse, Mary Rosella, D. C.
 Rudea, Beatrice Anne, D. C.
 Russell, Archibald, D. C.
 Russell, Frank E., Ala.
 Ruth, Catherine Rose, D. C.
 Ruthoski, Ignatius, D. C.
 *Sadler, Harold Davis, Ark.
 *Sahm, Misha, D. C.
 Salmon, Barbara A., D. C.
 *Salter, Kathryn Cary, Fla.
 Sanders, Aaron B., Tex.
 Sanderson, Mrs. Lennie R., D. C.
 Sandhi, Phra, Siam
 Sando, Clifford William, D. C.
 Saribay, Teofilo B., D. C.
 Saunders, Elise B., D. C.
 Savage, John Edward, D. C.
 Savage, Mary Ernestine, D. C.
 Scarborough, Dorothy L., Tex.
 Scarborough, Houston M., Tex.
 Scarborough, Marianne, Tex.

- Scarborough, Walter B., Tex.
 Scharinger, Anna, Md.
 Schlegel, Leo H., D. C.
 Schlerf, Henrietta J., D. C.
 Schils, Harold L., N. Y.
 Schmidt, Lillie T., D. C.
 Schneider, Jack, D. C.
 *Schotts, Isia, D. C.
 Schreiber, Emma Katharine, D. C.
 Schulze, Richard P., D. C.
 Swartsman, Aaron, D. C.
 Scogin, Clyde W., D. C.
 Scott, Esther W., Md.
 Scott, Vere Dixon, Tex.
 Seal, Elwood Howard, D. C.
 Seal, Virginia S., D. C.
 Senquist, Edgar O., D. C.
 Seigle, Solomon Simon, Md.
 Seitsick, Ruth Sarah, N. J.
 Shafer, Cecile, D. C.
 Shafer, Lucile, D. C.
 Shanahan, Katherine A., Kan.
 Shapiro, Nathan, N. Y.
 Shapiro, Samuel, Md.
 Sheada, Mary Elizabeth, D. C.
 Shear, Jacob, W. Va.
 *Shelley, Frederick Henry, Mo.
 B. S., 1917, University of Missouri
 A. B., 1922, George Washington University
 Shellhammer, Fern M., Pa.
 Shelton, Edwin Ernest, D. C.
 Shepard, Max Adams, D. C.
 Sheppard, Malta L., Kan.
 Sherman, Mary Ida, D. C.
 Sherwood, Clayton Benjamin, D. C.
 Showmaker, Roberta, D. C.
 Showmaker, Sibyl, D. C.
 Shields, Theodore Thomas, Minn.
 Shirley, Irene F., D. C.
 Shore, Dorothy Louise, D. C.
 Short, Margaret M., D. C.
 Short, Mary Estelle, D. C.
 Shuman, Mary B. Mrs., N. J.
 *Sickler, Gerald W., D. C.
 Siegal, Abner, D. C.
 Simmons, Robert, Neb.
 *Simon, Lois Josephine, D. C.
 *Simondson, Edward A., D. C.
 Sinnott, Virginia, D. C.
 Sizemore, Martha C., Va.
 Skaggs, Mrs. Buena Chlooe, Ark.
 A. B., 1920, Onachita College
 A. M., 1924, University of Missouri
 Skehan, Jerome Francis, Pa.
 Sklar, Robert, D. C.
 Slapnicka, Helen, Ia.
 Slechts, Marie, D. C.
 Sloan, Elsie, Tenn.
 *Smith, Dorothy M., D. C.
 Smith, Frank, N. Y.
 Smith, Hazel Julia, Mass.
 Smith, Helen, D. C.
 Smith, Lydia Alice, Va.
 Smith, Orville Floyd, D. C.
 Smith, Paul William, D. C.
 Smith, Samuel Joseph, La.
 B. S., 1914, Mississippi College
 Smith, Septima Cecilia, Tex.
 Sneed, Mary Miller, D. C.
 Snoddy, Minerva Aldys, Va.
 Soelberg, Earl James, D. C.
 Soeth, Dorothy, Ia.
 Solet, Leo, D. C.
 Somers, Milton M., Md.
 A. B., 1920, Western Maryland College
 L.L.B., 1924, National University
 Sopena, Juan M., D. C.
 Sorber, D. Glenn, Wash.
 *Sorenson, Amos, Ia.
 Souder, Laura, Md.
 *Spangler, Mrs. Arlene E., D. C.
 Spangler, George Wilt, Pa.
 Sparks, Charles Raymond, Ill.
 Speiden, Jeannette, Md.
 Spence, Vena M., D. C.
 Spencer, Elizabeth, Ky.
 Spencer, Ernest, Md.
 *Sperry, Alexander Thomas, D. C.
 Sperry, August W., N. J.
 *Sponsler, Winifred Frances, D. C.
 Srook, Charurn, Siam
 Stabler, E. Kenneth, D. C.
 Stanley, A. Owsley, Jr., D. C.
 Stanley, Calvin, D. C.
 A.B., 1923, University of Tennessee
 B.S., 1924, University of Tennessee
 Staples, Barbara, D. C.
 Steele, Lucy Elizabeth, D. C.
 A.B., 1925, George Washington University
 *Steiner, Charles S., Mo.
 Stephenson, Wiley A., Tex.
 A.B., 1923, Simmons University
 Stevens, Edwin Holt, Md.
 *Stewart, Catherine Maud, Va.
 Stewart, Margaret Bell, D. C.
 Stier, Alma D., Md.
 Stiriis, Marie B., D. C.
 Stocker, Lucy R., D. C.
 Stohlman, Helen, D. C.
 *Stout, Wyatt W., Ohio
 *Strasburger, Florence, D. C.
 Streett, Margaret, D. C.
 Styron, Elizabeth B., D. C.
 Summerhays, Lorenzo B., Utah
 Summers, Clarice, Va.
 Sunio, Alberto, P. I.
 Suter, Thuraz E., D. C.
 Sutfin, James Arthur, D. C.
 Swanton, Lucy A., D. C.
 Sweeney, Mary A., D. C.
 Sweeney, William T., Va.
 Swingle, Ralph H., D. C.
 Swingle, William Morgan, D. C.
 Sylvester, Barbara C., D. C.
 Talbott, Hamilton, D. C.
 Taliaferro, Julia C., Va.
 Tapley, Gladys, D. C.
 A.B., 1924, George Washington University
 A.M., 1925, George Washington University
 Tate, William Painter, Va.
 Taylor, Paul W., Me.
 Taylor, Vietrin, Va.
 *Teele, Ray Palmer Jr., Md.
 Terry, George M., D. C.
 Thissell, Mildred Frances, D. C.
 Thomas, Cyrus Douglas, N. D.
 Thomas, Edward Clifton Jr., Md.
 Thompson, Irvin S., D. C.
 Thompson, Maude A., Kan.
 Thompson, William, Va.
 Thorndike, Mrs. Helen D., D. C.
 Thrasher, Ralph H., D. C.
 Thurston, Evangeline, Mo.

- Tompkins, Margaret H., D. C.
 Trail, Ruby Edna, Md.
 Trappey, Adam S., D. C.
 Traversa, Marshall Edward, Va.
 Treger, Ely G., Va.
 Tremearne, Thomas Harold, N. J.
 *Trotter, Eleanor, D. C.
 Trout, Dorothy Burt, D. C.
 Truesdell, Phillip, Wis.
 Tucker, Sidney B., D. C.
 Turnbull, Helen, D. C.
 *Turner, Jettie, Tex.
 Turner, Julian B., Va.
 Tuttle, Paul Vernon, Cal.
 Uhl, Robert Henry, Ohio
 Umhau, George E., D. C.
 Upton, Mrs. Edwin, Md.
 Urbine, Charles A., D. C.
 Vallette, Estelle M., D. C.
 Van Casteel, Mary Geraldine C., Md.
 Van Der Vies, Marie, Va.
 Van Doren, Lurana C., D. C.
 Van Dyke, Mabel, Ohio
 Van Hencheroth, Arthur W., D. C.
 Varril, Mrs. Lizzie, Okla.
 Venning, Gladys, Md.
 Vickers, Rose Margaret, D. C.
 A.B., 1925, George Washington University
 *Villaneuva, Paterno, D. C.
 A.B., 1925, George Washington University
 Volker, Herman L., D. C.
 Von Dachenhausen, George, D. C.
 Voorus, Robert, A., Pa.
 Votava, George E., Minn.
 Wailes, Raymond B., D. C.
 Waldron, Callie S., D. C.
 *Walek, Frank, Colo.
 *Walsh, John Francis, Ia.
 Walstrom, Jose Davis, Mexico
 Walter, Eva M., Ill.
 A.B., 1923, George Washington University
 Walter, Gertrude Elizabeth, D. C.
 A.B., 1920, George Washington University
 Walter, Lawrence George, D. C.
 Wangler, John George, N. Y.
 B.S., 1922, Syracuse University
 Ward, Charles Henry Jr., D. C.
 Ward, Herbert S., D. C.
 Ward, Ruth, D. C.
 Ward, Wesley K., Jr., D. C.
 A.B., 1923, University of Texas
 B.S., 1923, University of Texas
 Warneke, Mrs. Cornelia A., Ind.
 Warner, Virgil H., D. C.
 Warren, Dorothy, D. C.
 Warren, Dwight, N. Y.
 *Wasmandorf, Laura, Mont.
 Wasson, Charles Clifford, Pa.
 Weber, George Samuel, D. C.
 Weber, Raymond C., Pa.
 Webb, Willard, Tenn.
 Weills, Ruth D., D. C.
 Welch, Helen G., Mass.
 Welling, Cuyler A., Md.
 Welsh, William A., Ga.
 Westfall, Albert F., Minn.
 Wetherill, John Price, Md.
 Wetmore, Pearl, D. C.
 Whaley, Mildred Cecile, D. C.
 Whipple, Marcia, Wisc.
 Whipple, Verna A., Va.
 White, Edna C., D. C.
 White, John T., D. C.
 White, Lora, D. C.
 White, Robert A., D. C.
 Whitehead, Katherine B., D. C.
 Whitehead, Louise, D. C.
 Whitehead, Mary V., D. C.
 Whitt, Marie B., D. C.
 Whitzell, Margaret, D. C.
 A.B., George Washington University
 Wibirt, Henry Wilbur, Va.
 Wilkins, Carl Glenn, Va.
 Williams, Carrie A., Mo.
 Williams, Mrs. Georgia, D. C.
 Williams, Irene, D. C.
 Williams, John Henry, D. C.
 Williams, Reginald A., D. C.
 Williford, Mattie Mae, Fla.
 Willoughby, Isla, D. C.
 A.B., 1907, Winthrop College
 Wills, Margaret Louisa, D. C.
 Wilson, Agnes W., Ind.
 *Wilson, Bertha O., Minn.
 Wilson, Harry Hasen, D. C.
 Wilson, Herman M., Md.
 Wilson, Theron D., D. C.
 Wilson, Thomas B., La.
 Wiltbank, Elizabeth, D. C.
 Windsor, Norma May, D. C.
 Wine, Hilda K., D. C.
 Wing, Clara Edith, Md.
 Wingate, Rosa, D. C.
 Wingate, Theodore Y., D. C.
 Winholts, Roy A., D. C.
 Winn, Arthur Louis Jr., D. C.
 Winter, Stanley T., D. C.
 Wise, Hattie Marie, D. C.
 Wise, William H., Va.
 *Wittstein, Nathan Harry, N. Y.
 Wolpe, Ethel Dixie, D. C.
 Wolt, Helen J., Neb.
 Wong, Fuchao Kuang, China
 B.S., 1925, Norwich University
 Wood, Mary Effie, D. C.
 Woodard, Paul Davis, D. C.
 Woodin, Mrs. Virginia, D. C.
 Woodward, Helen, D. C.
 Woodward, Unia, D. C.
 Woolfall, Hulbert A., Va.
 Wormser, Hazel M., D. C.
 Wright, Arthur Davis, N. H.
 A.B., 1904, William & Mary College
 A.M., 1904, William & Mary College
 Ed.M., 1922, Harvard University
 Wright, Matilda Douglas, D. C.
 Wright, Meador, Va.
 Yale, Miles A., Conn.
 Yearsa, Kenneth, D. C.
 *Yang, Yu Kwei, China
 Yochelson, Charlotte S., D. C.
 Yochelson, Irving Bernard, D. C.
 York, Browner V., N. C.
 Young, Clarence Morris, W. Va.
 *Zapolsky, Arthur Arnold, N. Y.
 LL.B., Hamilton College of Law
 Zeimet, Carlo, Switzerland
 Ziegler, Edwin E., D. C.
 Zimpelman, Mildred, Tex.
 Zinterhofer, John Jr., Mich.
 Zinterhofer, Louis J., Mich.
 *Zisman, William Albert, D. C.

Students Registered in the Department of Arts and Sciences 1925-26:

School of Graduate Studies—

Students in attendance.....	60	
Candidates for Ph.D. degree.....	58	
Candidates for M.S. degree.....	72	
Candidates for A.M. degree.....	226	
	<hr/>	416

Columbian College—

Candidates for A.B. degree.....	2,125	
Special students	738	
Special pre-medical	39	
Unclassified	69	
	<hr/>	2,971

College of Engineering—

Candidates for B.S. in Arch. degree.....	55	
Candidates for B.S. in Chem. degree.....	55	
Candidates for B.S. in Chem. Eng. degree.....	61	
Candidates for B.S. in C.E. degree.....	123	
Candidates for B.S. in E.E. degree.....	136	
Candidates for B.S. in M.E. degree.....	77	
Candidates for B.S. in Physics degree.....	10	
Special students	37	
Unclassified	16	
	<hr/>	570

Teachers College—

Candidates for A.B. degree and Teacher's Diploma in Education	493	
Special students	88	
Unclassified	30	
	<hr/>	611

Total.....	<hr/>	4,568
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STUDENTS REGISTERED IN MEDICAL SCHOOL

FIRST YEAR, 1925-26

Acosta-Velarde, Antonio A.B., 1924, George Washington University	P. R.	1017 K St. N. W.
Algozer, Alfonso	N. Y.	1221 Eye St.
Alpher, Isadore Meyer	D. C.	20 New York Ave. N. W.
Baber, John Marion L.L.B., 1921, Georgetown University	Miss.	1819 G St. N. W.
Baker, John Marion L.L.M., 1922, Georgetown University		
Boas, Thenton David	Ky.	140 A St. N. E.
Borow, Henry	N. J.	1223 K St. N. W.
Breisch, Warren Franklin	Pa.	1426 M St. N. W.
Brown, Omar Jesse A.B., 1925, George Washington University	D. C.	1327 Irving St. N. W.
Buckely, Francis J.	N. Y.	1426 M St. N. W.
Budd, Julius Joseph	N. Y.	907 New Jersey Ave.
Caras, Anthony	D. C.	1918 H St. N. W.
Cerone, Daniel M.	N. J.	3623 13th St. N. W.
Cline, Reginald William A.B., 1924, Syracuse University	Conn.	1426 M St. N. W.
Cohen, Nat B.	N. J.	1300 Rhode Island Ave.
Crisp, Edwin Stanton	D. C.	800 E St. N. E.
Cromer, Jerry Keith	Va.	1218 11th St. N. W.
*D'Auria, Nicholas Conato A.B., 1923, Franklin Marshall College	Pa.	1221 L St. N. W.
D'Angelo, John Vincent	N. Y.	Colonial Hotel
DeNatale, Fred Joseph	N. Y.	1204 N St.
Dankberg, Julius B.S., 1924, Columbia University	N. Y.	1238 7th St. N. W.
Eisenstein, Victor W. B.S., 1925, University of Pittsburgh	Pa.	1311 L St. N. W.
Enlow, Ella M. A. A.B., 1915, George Washington University	Md.	122 Willow Ave, Takoma Park, Md.
M.A., 1916, George Washington University		
Ph.D., 1923, George Washington University		
Flohr, Martin Carroll	D. C.	1415 Girard St. N. W.
Frankenthaler, Sylvan Alfred	N. Y.	The Colonial Hotel
Fruchter, Harold	N. Y.	1301 N St. N. W.
A.B., 1925, George Washington University		
Garcia, David Erasto	P. R.	1221 L St. N. W.
Gard, Perry William	Md.	15 W. Virginia St., Chevy Chase, Md.
Genco, Victor	N. Y.	1426 M St. N. W.
Gentile, Luciano	N. Y.	8 Iowa Circle
Gibson, John Paul	D. C.	1621 28th Place S. E.
A.B., 1925, Abilene Christian College		
Gilbert, Harry A.	Okla.	140 A St. N. E.
Gilfoy, Francis Elmer	Miss.	2026 G St. N. W.
Gill, John B.S., Chem., 1924, University of Idaho	Idaho	416 New Jersey Ave. S. E.
Goldberg, Morris H.	N. Y.	8 Iowa Circle
Goodman, Edgar Leonard	D. C.	1518 Allison St.
Gould, Vincent C.	Canada	1618 H St. N. W.
Heiges, Melville Lynwood	D. C.	7223 Blair Road, Takoma Park, D. C.
*Herron, Fred Julian	Md.	1714 Q St. N. W.
Heyl, Alice A.B., 1925, Cornell University	D. C.	3800 14th St. N. W.
Hutchinson, Raymond B.	D. C.	619 7th St. N. E.
Irizarry, Benito	P. R.	1332 I St. N. W.
Jamison, Daniel Irwin	Pa.	418 6th St. N. E.
Katz, Joseph H.	N. Y.	1322 Rhode Island Ave.
Kemeler, Leo	N. Y.	1322 Rhode Island Ave.
Leiberman, Jesse J.	N. Y.	8 Iowa Circle
Levin, Isadore	D. C.	205 G St. N. W.
Lewis, Ned Arthur	N. Y.	8 Iowa Circle
Litteral, Emmett Bryan A.B., 1925, George Washington University	N. Y.	2105 Pa. Ave. N. W.
Litvin, Philip	D. C.	121 L St. N. W.
Lowden, Henry Marshall	Md.	1320 15th St. N. W.
Long, William Ellis	D. C.	2116 4th St. N. E.
Lundberg, George Waldermar	Minn.	1101 Euclid St. N. W.
Marbury, John Bayne	D. C.	1015 16th St.

McCarthy, Leonard Daniel	D. C.	219 T St. N. W.
A.B., 1925, George Washington University		
McLain, John Edward	D. C.	812 20th St. N. W.
McLain, George Henry	D. C.	812 20th St. N. W.
Miller, Herman Paul	N. J.	828 Crittendon St.
Missonellie, William	N. J.	1820 K St.
Morgan, Theron Harvard	Ohio	1913 Pa. Ave. N. W.
*Mule, Paul Joseph	N. Y.	1426 M St. N. W.
Norell, Oscar	Me.	1515 16th St. N. W.
A.B., 1923, University of Maine		
Novick, Joel	N. Y.	1118 5th St. N. W.
B.S., 1923, College of the City of New York		
Phillips, Gordon Herndon	D. C.	1420 Hopkins St. N. W.
Piazza, Ferdinand	N. Y.	1207 I St. N. W.
Quinn, David Edman	Ohio	1320 15th St. N. W.
B.S., 1924, Allegheny		
Rea, Courts Davidson	D. C.	3601 Lowell St. N. W.
Resta, George Anthony	Ky.	128 Md. Ave. S. W.
Rosenberg, Charles Irving	D. C.	1544 9th St. N. W.
B.S., 1924, University of Maryland		
Ryland, Charles Pennington	Va.	801 C St. S. W.
Sadoff, Joseph	N. J.	1300 Rhode Island Ave.
Safran, Luis	N. Y.	907 13th St. N. W.
B.S., 1925, College of the City of New York		
Sanches, Luis Antonio	P. R.	1332 I St. N. W.
Santemma, Esterino Ellia	N. Y.	1207 L St. N. W.
Schain, Morris M.	N. Y.	1918 H St. N. W.
Schwartzmann, John U.	Va.	218 N. Alfred St., Alex., Va.
Sena, Antoinette	N. J.	1204 N St. N. W.
Sena, Frank	N. J.	1204 N St. N. W.
Shapiro, Nathan	N. Y.	2026 G St. N. W.
Shapiro, Samuel	D. C.	3283 M St. N. W.
Sherman, Benjamin	Conn.	1456 Euclid St.
Silverstein, Bernard	N. Y.	1223 K St. N. W.
B.S., 1925, College of the City of New York		
Tabor, Blanche	Va.	Cherrydale
A.B., 1917, Meredith College		
A.B., 1922, George Washington University		
Thomas, Carlton	Wyo.	1765 Q St.
Tiekner, Louis	Pa.	1322 Rhode Island Ave.
Ph.G., 1923, Philadelphia College of Pharmacy and Science		
A.B., 1921, Central H. S. (P. C. P. S.)		
Washington, Daniel Boone	D. C.	809 K St. N. E.
Wigderson, Charles B.	N. Y.	Colonial Hotel
B.S., 1925, College of the City of New York		
Wilson, Nat Joseph	Conn.	8 Iowa Circle

SECOND YEAR

Alesi, John Charles	N. Y.	1221 Eye St. N. W.
Andrus, Lenard M.	Idaho	131 A St. N. W.
B.S., Utah Agricultural College, 1920		
Bachrach, Louis Bernard	D. C.	2102 First St. N. W.
Ball, Eleanor Briant	D. C.	Stoneleigh Courts
A.B., Wesley College, 1923		
Balter, Abraham Max	Pa.	1204 K St. N. W.
Bonanno, Emil S.	N. Y.	1701 H St. N. W.
A.B., George Washington University, 1924		
Calvin, Charles Hiram	N. J.	1707 Mass Ave. N. W.
Carlino, Charles I.	N. Y.	1431 L St. N. W.
Carpenter, Cedric C.	D. C.	3752 Kanawha St., Chevy Chase
Carr, Elma Bebee	Ky.	1420 R St. N. W.
A.B., George Washington University, 1920		
M.A., George Washington University, 1921		
Coakley, Walter F.	Ohio	2018 1/2 H St. N. W.
A.B., George Washington University, 1925		
Copping, John Blake	D. C.	1410 M St. N. W.
D.D.S., George Washington University, 1917		
Courtney, Francis X.	N. Y.	1232 Euclid St. N. W.
A.B., George Washington University, 1925		

DeVore, Etta Louise	D. C.	4 Iowa Circle
Dewey, George	D. C.	2112 F St. N. W.
Dougherty, Daniel Dennis	N. J.	1232 Euclid St. N. W.
Duffey, Depue Hazen	D. C.	1347 Perry Pl. N. W.
Edelstein, Isidore S.	N. Y.	1030 17th St. N. W.
B.S., College of the City of New York, 1924	D. C.	2006 Columbia Rd.
Farrar, Frederic William	N. Y.	37 Rhode Island Ave. N. W.
Fernaglich, Harry Benjamin	D. C.	321 N St. S. W.
Gordon, Leon Stuart	N. Y.	1204 K St. N. W.
Gorlin, David Oscar	Pa.	1204 K St. N. W.
Hochstetter, Stanton S.	Md.	College Park, Md.
B.S., University of Pittsburgh, Pa., 1925	N. Y.	1431 L St. N. W.
House, Hugh Osgood	N. Y.	1204 K St. N. W.
A.B., University of Maryland, 1924	Va.	329 S. Alfred St., Alex., Va.
Impastato, David J.	D. C.	724 Rock Creek Ch. Rd.
A.B., Columbia University, 1925	Va.	1742 Riggs Pl. N. W.
Jacobson, Samuel	Utah	13 2d St. N. E.
B.S., College of the City of New York, 1924	W. Va.	2515 14th St.
Kelly, Thomas J.	P. R.	1221 Eye St. N. W.
Leonardo, Alexander	N. Y.	1234 10th St. N. W.
Lewis, Julius E.	D. C.	2407 12th St. N. E.
Lewis, Mark Larsen	D. C.	1825 16th St. N. W.
B.S., Brigham Young University, 1917	N. Y.	1133 8th St. N. W.
Lista, Louis Joseph	N. Y.	1447 Mass. Ave. N. W.
A.B., George Washington University, 1924	Pa.	911 22d St. N. W.
Lopez, Jose A.	D. C.	209 6th St. N. E.
Malerba, Benjamin Palmer	D. C.	1347 Perry Pl. N. W.
McCoy, Carroll Alonzo	D. C.	3465 14th St. N. W.
A.B., George Washington University, 1925	D. C.	3921 5th St. N. W.
Meloy, William Carey	N. J.	1447 Mass. Ave. N. W.
Meenik, David	D. C.	5026 Kingle St. N. W.
B.S., College of the City of New York, 1924	N. Y.	Colonial Hotel
Mihazo, Peter John	N. Y.	1441 Rhode Island Ave.
B.S., College of the City of New York, 1924	D. C.	3414 14th St. N. W.
Morse, Willis Brown	D. C.	327 11th St. S. E.
Murray, Raymond Wilkins	N. Y.	1202 N. Capitol St.
A.B., George Washington University, 1925	N. Y.	1534 14th St. N. W.
Nicklas, Edward Wilson	Utah	2316 F St. N. W.
Ottenberg, Gilbert	N. Y.	2105 Eye St. N. W.
A.B., George Washington University, 1922	D. C.	315 Adams St. N. E.
M.A., George Washington University, 1924	D. C.	713 19th St.
Petrie, Lester Marshall	Conn.	1211 Rhode Island Ave. N. W.
B.S., Westminster College, 1924	Wash.	109 1st St. N. E.
Profita, Anthony Joseph	D. C.	1232 Euclid St. N. W.
A.B., Columbia University	D. C.	4700 16th St. N. W.
Purse, Grace Guile	D. C.	3025 Cambridge Pl. N. W.
Rabinowitz, Milton		
Rossano, Thomas Alex		
Rutkoski, Ignatius		
A.B., George Washington University, 1926		
Ryon, William Albert		
Scandifio, Mario		
A.B., George Washington University, 1925		
Sonberg, Morris		
B.S., College of the City of New York, 1924		
Sorenson, Lionel Winton		
A.B., University of Utah, 1921		
B.S., Utah Agricultural College, 1918		
Spano, Raphael Salvador		
A.B., George Washington University, 1925		
Spessard, Lester Lewis		
A.B., Lebanon Valley College, 1911		
M.S., University of Washington, 1918		
Stokes, Walter R.		
L.L.B., George Washington University, 1924		
Stretch, James Edison		
Vandenberg, George Joseph		
B.S., 1917, University of Washington		
Wildman, Thomas Albert		
Wilkinson, Richard Wallace		
A.B., George Washington University, 1925		
Ziegler, E. E.		

THIRD YEAR

Adler, Samuel S.	N. Y.	1030 17th St.
Belt, Norvell	D. C.	1907 G St. N. W.
A. B., George Washington University, 1924		
Bono, Joseph John	N. J.	1327 L St. N. W.
Breitbart, Lawrence	N. Y.	1204 K St. N. W.
Brownstein, Jacob M.	N. Y.	1627 Conn. Ave.
Cantrill, William Clyde	D. C.	1829 G St. N. W.
Ph.G. Pharm., Baylor University, 1918		
A. B., George Washington University, 1919		
Cart, Harry	N. Y.	1416 Rhode Island Ave.
Chernuchin, Robert	N. Y.	1118 13th St. N. W.
B.S., College of the City of New York, 1922		
Chickering, Elizabeth E.	N. H.	1719 Riggs Pl. N. W.
A. B., George Washington University, 1923		
Colon, Julio Enrique	P. R.	1651 Hobart St. N. W.
Ph. C., University of Porto Rico, 1915		
A. B., George Washington University, 1924		
Corey, Wilbur L.	Va.	605 Wash. Ave., Cherrydale, Va.
A. B., George Washington University, 1923		
Cornwell, Abner Milton	N. C.	1300 Mass. Ave. N. W.
Creveling, Cyrus Robbins	Pa.	1531 P St. N. W.
Cushard, William G.	Ohio	133 V St. N. W.
Durham, Carey Winston	N. C.	1914 H St. N. W.
Ellerson, Edmund M.	D. C.	2134 R St. N. W.
Erlain, Anthony B.	Pa.	1327 L St. N. W.
Felps, Hugh Edgar	Tenn.	1531 P St. N. W.
Finkelstein, Abe Samuel	N. J.	1705 Lanier Pl. N. W.
Finkelstein, H. Max	Pa.	1221 O St. N. W.
Fradkin, William Z.	N. Y.	919 Mass. Ave. N. E.
A. B., George Washington University, 1924		
Fred, Harry	N. Y.	1301 N St. N. W.
Gable, George Roland	D. C.	4729 Georgia Ave. N. W.
Ginsburg, Harry	D. C.	50 N St. S. W.
Gittleman, Morton	D. C.	664 Highland Ave., Takoma Park, D. C.
Graeff, Earl W.	Pa.	1651 Hobart St. N. W.
Grass, Edward J.	D. C.	2024 Eye St. N. W.
A. B., George Washington University, 1924		
Greenman, Morris L.	N. Y.	1627 Conn. Ave.
Hersh, David H.	N. J.	1022 17th St. N. W.
Hillman, Fred C.	N. J.	939 K St.
A. B., Catholic University, 1923		
Hixson, Clayton H.	D. C.	333 Webster St. N. W.
Horowitz, Douglas G.	N. Y.	Iroquois Apts.
Jampel, John	N. Y.	1300 Rhode Island Ave.
B.S., College of the City of New York, 1923		
Kahn, Bernard Samuel	N. Y.	1705 Lanier Place
A. B., Columbia University, 1923		
Krause, Edward A.	Kans.	1223 12th St. N. W.
A. B., George Washington University, 1923		
Lawton, William Henry	S. C.	Casualty Hospital
B.S., Clemson College, 1918		
Levine, David Boris	N. J.	1223 O St.
Litwinsky, Joseph	N. Y.	1113 K St. N. W.
Malock, Leon	Pa.	2019 N St. N. W.
Marmins, Abe R.	Pa.	1300 Rhode Island Ave.
McDougall, Dan C.	Idaho	416 New Jersey Ave. S. E.
B.S., University of Idaho		
McQuarrie, Edward S.	Utah	131 A St. N. E.
Mendelblatt, David L.	Pa.	1443 Mass. Ave. N. W.
Minowits, Samuel	N. Y.	608 7th St. S. W.
Moore, John Frederick	D. C.	Emergency Hospital
B.S., University of Maryland, 1923		
Morgenstein, Louis Kalmin	N. J.	5 Iowa Circle
Moss, F. A.	Va.	Clarendon, Va.
A. B., Mercer University, 1913		
M.A., Columbia University, 1920		
Ph.D., George Washington University, 1923		
Nevasier, Julius Salem	D. C.	1758 Lanier Pl. N. W.
A. B., George Washington University, 1923		
Novagodsky, Samuel	N. Y.	1204 K St. N. W.
Ottman, Millard Frederick	Ill.	1829 G St. N. W.
A. B., George Washington University, 1924		

Petrie, Edith Margaret B.S., Westminster College, 1923	D. C.	3921 5th St. N. W.
Pintov, Israel	N. Y.	1133 8th St. N. W.
Prence, Alec Ambrose A.B., George Washington University, 1925	D. C.	1511 22d St. N. W.
Reich, Jerome Joseph	N. J.	1223 K St. N. W.
Reisinger, John Charles	D. C.	2020 Summit Pl. N. E.
Rogers, Sam L. A.B., George Washington University, 1924	D. C.	Gallinger Hospital
Rosen, A. Nathaniel	N. Y.	1357 Perry Pl. N. W.
Rosenbaum, Louis	N. Y.	1210 N St. N. W.
Sarubin, Benjamin	Md.	2443 Woodbrook Ave., Balti- more, Md.
Sauber, Irving Edwin	D. C.	1714 Eye St.
Seiler, Benjamin A.B., George Washington University, 1924	N. Y.	2030 Eye St. N. W.
Sette, Alfred J.	Conn.	1220 Irving St. N. W.
Siakind, William B.S., College of the City of New York, 1923	N. Y.	1214 12th St. N. W.
Smith, Edwin Kirby	Ill.	1810 Conn. Ave.
Smith, George Henry	Va.	Apt. 500, care Wardman Park Hotel
Steinbach, Meyer	Md.	1000 Park Rd. N. W.
Steinberg, Joseph B.S., College of the City of New York, 1923	N. Y.	5509 13th St. N. W.
Suraci, Francis X.	D. C.	1223 H St. N. W., Apt. 42
Sutherland, Thomas Isidore B.S., Utah Agricultural College, 1923	Utah	131 A St. N. E.
Talavera, Damaso	P. R.	1018 Vermont Ave. N. W.
VanNatta, Paul Clopton A.B., George Washington University, 1923	Mo.	603 Washington Ave., Cherry- dale, Va.
Weitz, Abraham A.B., George Washington University, 1923	N. Y.	1714 Eye St.
Weitz, Martin Lester	N. Y.	2105 Eye St. N. W.
Wilson, John Nante	Md.	132 3rd St. S. E.

FOURTH YEAR

Anderson, Aleatha E. A.B., George Washington University, 1923	W. Va.	1339 South Carolina Ave. S.E.
Arenson, David George	N. Y.	1223 K St. N. W.
Becker, Samuel Maurice	D. C.	3512 Conn. Ave. N. W.
Blinder, Samuel	N. Y.	1223 K St. N. W.
Blum, Henry	N. Y.	Children's Hospital
Borrone, Milton George	N. J.	1319 Mass. Ave.
Boyd, James I. A.B., George Washington University, 1923	D. C.	1755 Church St. N. W.
Bowie, Andrew Keene	Md.	The Portner, 15th and U Sts.
Brotman, Irving	D. C.	1430 Meridian Pl. N. W.
Colvin, Henry Lynn	D. C.	926 B St. S. W.
Corriero, William	N. Y.	943 Mass. Ave. N. W.
Council, Edmund Ensley	N. C.	1818 H St. N. W.
Cox, Ronald Atmore	Md.	Tuberculosis Hospital
Dantsig, Louis	N. Y.	1223 K St. N. W.
Davidson, James Ford	N. Y.	Tudor Hall, 10th and Mass. Ave. N. W.
Diatz, Philip	D. C.	2923 Georgia Ave. N. W.
Dinerman, Benjamin V.	N. Y.	1620 19th St. N. W.
Dollard, Edward V.	N. Y.	Tuberculosis Hospital
Drago, Joseph J.	N. Y.	1801 N St. N. W.
Engler, William	N. Y.	1835 H St. N. W.
Friedman, Milton	N. J.	1620 19th St. N. W.
Gantz, Frank E.	S. D.	1300 Mass. Ave. N. W.
Gelber, Louis J.	N. Y.	621 19th St. N. W.
Goodiel, Carlton	N. Y.	621 19th St. N. W.
Gurevich, Bernard J.	Pa.	3314 Mt. Pleasant St.
Harberg, Hyman	Md.	1301 N St. N. W.
Hyman, David	Va.	621 19th St. N. W.
Jansen, Russel John	N. Y.	1765 Q St. N. W.
Larkin, Joseph John	Minn.	Casualty Hospital
Mandelbaum, George M. A.B., George Washington University, 1926	N. J.	5 Iowa Circle
Markowitz, Arthur A.	N. Y.	1300 Rhode Island Ave.

Martin, Lee Ricard B.S., 1921, Virginia Military Institute	D. C. 1730 M St. N. W.
McNeill, James Herbert A.B., Johns Hopkins, 1925	D. C. 1616 16th St. N. W.
Meiman, William G. Nelson, Walter N. B.S., Wesleyan University, 1922	D. C. 1308 Randolph St. N. W. Conn. 621 19th St. N. W.
Newman, Morris S. A.B., University of Missouri, 1922 M.A., University of Missouri, 1923	N. Y. 1337 L St. N. W.
Pinsky, Isadore Pulman, Peter Boothe Ritchie, William S. Rollings, Harry West B.S., West Virginia University, 1924	N. Y. 1410 M St. N. W. Va. R. F. D. No. 4, Alex., Va. Md. Sibley Hospital W. Va. 1372 Kenyon St. N. W.
Schwartz, Israel Samuel Skarsinski, Stanley John B.S., West Virginia University, 1923	N. Y. 1920 19th St. N. W. W. Va. 1738 F St. N. W.
Smith, Howard L.	Md. 601 Carroll Ave., Takoma Park, Md.
Solnitaky, Othmar Sommers, A. E. Spiegler, Arnold A. A.B., George Washington University	D. C. 4403 14th St. N. W. N. Y. 1511 22d St. N. Y. 1223 K St. N. W.
Stretch, Clarence Loughlin A.B., George Washington University, 1922	Conn. 1211 Rhode Island Ave.
Suraci, X. A. R. Tepier, Gustave A. H.	D. C. 1602 7th St. N. W. N. Y. 1527 Rhode Island Ave. N. W.

* Not in attendance throughout year.

STUDENTS REGISTERED IN SCHOOL OF PHARMACY, 1925-1926

Alley, Marion S.	Mo. 514 15th St., N. E.
Beach, Theo. H.	Va. 525 Queen St., Alexandria, Va.
Burns, Ted. A.	D. C. 135 Carroll St., S. E.
Bell, David W.	D. C. 4318 9th St.
Barnett, Edward J.	Calif. 1439 T St.
Bell, George L.	Md. 118 Maple Ave., Tak. Pk., Md.
Baker, Harley E.	W. Va. 237 G St.
Conn, Leon J.	Va. 2619 University Pl.
Cawthorne, Hugh S.	Ill. 3620 33rd St., Mt. Ranier, Md.
Crowther, Aloha H.	Md. 400 Montgomery St., Laurel, Md.
Carter, George R.	Ohio 6305 3rd St.
Edelson, Milton	D. C. 1001 G St., S. E.
Goldman, Myers D.	D. C. 124 N. Royal St., Alexandria, Va.
Goldstein, Louis J.	D. C. 4525 Arkansas Ave.
Heller, William L.	Va. 1707 Mass. Ave.
Hoag, William W.	D. C. 4407 9th St.
Kaminsky, Nathan L.	Va. 1435 Perry Pl.
Kinner, Harold C.	N. Y. 3914 34th St., Mt. Rainier, Md.
Keyser, Joseph	Md. 512 4 1/2 St., S. E.
Kaakin, Abraham	Pa. 1800 C St.
Membert, James A.	D. C. 405 A St., S. E.
McWhorter, Julian H.	Ga. 3110 18th St.
Pettitt, Bernard A.	D. C. 1327 Potomac Ave., S. E.
Reznek, Solomon	D. C. 201 15th St., N. E.
Stafford, Oliver E.	D. C. 9502 Jones Mill Rd., Ch. Ch., Md.
Sniegowski, Joseph M.	D. C. 718 Maryland Ave., N. E.
Silverman, Morris	N. Y. 1139 First St.
Thomas, Sam	Ala. 217 Underwood St., Tak. Pk., D. C.
Voorhees, Paul L.	N. Y. 3615 14th St.
Wolf, J. Sydney	N. Y. 1816 Ontario Pl.
Yelson, George	D. C. 713 4 1/4 St., S. W.

STUDENTS REGISTERED IN THE LAW SCHOOL 1925-26

Names of students who have withdrawn or graduated are indicated by stars; those who have entered since February 1, 1926, by daggers.

CANDIDATES FOR THE DEGREES OF BACHELOR OF LAWS

FIRST YEAR

- | | |
|---|---|
| <p> Acee, Alfred, D. C.
 Adams, John Quincy, Okla.
 Advineula, Eleuterio A., P. I.
 A.B., University of Wisconsin
 †Aitken, Benjamin Thomas, N. Y.
 Aldrich, Irwin Dayton, Jr., S. Dak.
 A.B., University of South Dakota
 †Amann, Rudolf Edward, D. C.
 M.E., University of Vienna
 *Ames, William Paterson, Va.
 B.Sc., Mississippi Agricultural and
 Mechanical College
 *Anadale, George Arthur, D. C.
 Armstrong, Frank, Utah
 Arscomanian, Jacob, Mass.
 S.B., Massachusetts Institute of
 Technology
 Athey, Herndon Rine, W. Va.
 *Atkins, Robert Stephenson, Va.
 A.B., University of Richmond
 Babcock Earl, D. C.
 B.S., George Washington University
 Bahigan, Raymond, Mass.
 Bailey, Joseph Pennington, D. C.
 *Balter, Benedict, Pa.
 Banton, John William, Iowa
 †Barley, J. Francis, Ill.
 Bassler, William Sidney, D. C.
 A.B., George Washington University
 *Bell, Lanneau Riggs, S. C.
 Bentley, Jordan Ruthven, D. C.
 Blackman, Harold Stephen, Mo.
 A.B., Missouri State Teacher's
 College
 *Block, David Sylvan, Md.
 Bogorad, Samuel, D. C.
 *Bonett, David Joseph, N. Y.
 B.S., and M.E., College of the City
 of New York
 Bowden, William Kendrick, D. C.
 †Box, John Calvin, Tex.
 *Bradley, John Reed, Pa.
 †Britt, James Edward, N. C.
 B.S. in M.E., North Carolina State
 College of Agriculture and En-
 gineering.
 †Brookhart, Smith W., Jr., Iowa
 Brosler, Edward, Conn.
 B.S., Yale University
 †Brown, Bryant Council, N. C.
 A.B., University of North Carolina
 *Brown, John Welsh, Miss.
 *Brown, Lawrence Murphy, D. C.
 B.S. in Agri., University of Wis-
 consin
 Brown, William Brazil, D. C.
 †Bryan, Henry Eugene, Ohio </p> | <p> *Burch, Lewis D., Ind.
 B.S., M.E., Purdue University
 Burke, Ellen Teresa, D. C.
 A.B., George Washington University
 *Burke, Frances Marie, Ind.
 Burns, Clarence Franklin, N. C.
 Byrne, Edward Munson, D. C.
 Callender, John Wesley, D. C.
 Cannon, John Quayle, Jr., Utah
 †Carey, Stephen Jay, D. C.
 †Carter, Henry, Mass.
 A.B. and A.M., Yale University
 Cartwright, Robert Burns, N. Mex.
 A.B., University of New Mexico
 Casanova, Orturo Ynocencio, D. C.
 B.Sc. in C.E., Carnegie Institute of
 Technology
 Castle, James Manderson, Jr., Pa.
 B.S. in Chem., University of Penn-
 sylvania
 *Chalmers, Andrew Bruce, Ohio
 Chandler, William Snyder, D. C.
 Chaney, Donald John, D. C.
 *Chase, Volney Ogle, D. C.
 †Cherbonnier, Andre Victor, Md.
 Graduate, U. S. Naval Academy
 Clark, Lester Brown, La.
 B.E. in C.E., Tulane University
 Clark, Rollin Marmelston, N. J.
 B.S. in M.E., University of Pennsyl-
 vania
 Clark, Russell Herman, Md.
 Clark, Stanley Aubrey, Okla.
 *Clements, Francis Willard, Va.
 Coe, Bryan, D. C.
 Cogswell, Richard Upton, N. H.
 Cohen, Daniel George, D. C.
 B.S. in Mech. Eng., Tufts College
 †Colby, Joseph William, Iowa
 Cole, Felix, D. C.
 A.B., Harvard University
 Congdon, Richard Gates, N. J.
 A.B., George Washington University
 Conner, Norman Hampton, D. C.
 Cook, Anita Marie, D. C.
 A.B., George Washington University
 Cordrey, Russell Albert, Ohio
 B.S., Case School of Applied Science
 Cotton, Norris Henry, N. H.
 Covington, Hilburn Face, Miss.
 Cowley, Samuel P., Utah
 B.S., Utah Agricultural College
 Cox, Elizabeth M., D. C.
 Craighill, Alexander Lee, D. C.
 Cressy, Willis Earl, Wash.
 †Crews, Joseph Sharrell, N. C.
 Crocker, Arthur Wilbur, Va. </p> |
|---|---|

- Crofta, Leroy Arthur, Wyo.
†Cullen, William G., Okla.
A.B., Oklahoma University
Cummings, Gale Taylor, Va.
Cunningham, Norman Jay, Pa.
Currie, Robert Jerry, Mich.
Daly, Marguerite Marie, D. C.
A.B., George Washington University
*Dame, Kenneth Hugh, Ind.
B.Sc. in Econ., University of Pittsburgh
Daubin, Meredith M., Mo.
*Davis, Richard Thurman, Utah
†Dawson, Harry Adams, Md.
DePue, Thomas Norriss, W. Va.
B.S., West Virginia University
Dingwell, Paul Douglas, D. C.
Grad., U. S. Naval Academy
Dinwoodey, Charles Dean, Idaho
A.B., University of Utah
Domigan, Horace W., Ohio
Donaldson, Kenneth, D. C.
C.E., Lehigh University
Donovan, Lucile, Ind.
Drury, Abner Bernard, D. C.
Dunham, Paul Overing, Wis.
B.S., University of Wisconsin
Durand, Harrison Fisher, S. Dak.
†Eaker, Ira C., D. C.
Earl, Donald Edward, Minn.
B.S. and M.S., University of Minnesota
Ehrlich, Emil, N. Y.
†Elder, Clarence May, D. C.
Elliott, Clyde Raymond, Ohio
Elliott, Henry Harold, D. C.
B.S. in Econ., University of Pennsylvania
†Ely, Nathaniel, N. J.
Entriken, Samuel Everett, D. C.
*Epperson, William Philip, Mo.
B.S. in Ch.E., George Washington University
Farmer, Harold Osborne, Ill.
Farnum, Edward Shippen Watson, Jr., D. C.
Feldman, Solomon Herman, D. C.
Flaherty, Leo Edward, Ind.
B.S., Rose Polytechnic Institute
*Flannery, John Matthew, Pa.
*Flood, Lester Carpmills, Conn.
Fonbuena, Eugenio Maglaya, P. I.
A.B., Macalester College
Frank, Louis Paul, Va.
Graduate, U. S. Naval Academy
Franklin, Bernard Solomon, N. Y.
M.E. and M.M.E., Rensselaer Polytechnic Institute
Fredericks, Harold Newman, Minn.
Friedrich, Charles, N. Y.
*Furlow, George Willard, Minn.
†Gallo, Anthony James, Del.
†Gantt, Sue Elisabeth, Md.
A.B., Goucher College
*Gardiner, Carl Wade, N. J.
Gary, Edwin Bernard, Md.
Geiger, Clarence Edward, D. C.
Geisler, Robert Henry, Calif.
*Gilbert, William Kellady, D. C.
A.B., Princeton University
Gilliland, Carl Glenn, D. C.
Golub, Morris, N. Y.
Goodman, Guy H., Md.
Gorn, Elmer Joseph, Conn.
B.S., Yale University
Gould, B. Ralph, Kans.
A.B., University of Kansas
Graham, James Joseph, D. C.
Grad., U. S. Naval Academy
Gray, Porter McCain, Ky.
*Green, Marden Pow, D. C.
Griffith, John Wenig, Iowa
*Griggs, Charles Clifton, Utah.
B.Sc. in E.E., University of Nebraska
Grimes, Harlan Earl, Okla.
†Gross, Charles Ernest, D. C.
†Gross, Ralph Franklin, Okla.
Grossman, Raymond Mondell, Ill.
Groton, Edwin Ralph, Md.
A.B., Western Maryland College
Haig, Robert Van Rensselaer, D. C.
Hall, Franklin Christian, D. C.
B.A., St. John's College
Hanaway, William Lippincott, D. C.
B.Sc., Rutgers College
Hanna, Matthew Elting, Jr., D. C.
A.B., Yale University
Hannigan, Isabell, Mich.
*Hanson, Morris Lloyd, Minn.
Harper, Hoyt Benjamin, Ill.
Harris, Floyd Mandeville, Pa.
B.S., Carnegie Institute of Technology
Hartman, Douglas William, Wis.
A.B., George Washington University
Hayes, Charles David, D. C.
*Heaton, Forrest Franklin, D. C.
Henderson, Curtis Carl, Miss.
B.S., Mississippi Agricultural and Mechanical College
Henninger, Miles, Pa.
B.Sc. in Ch.E., Bucknell University
Hill, Harry Duremus, Ind.
Hill, Sherman Russell, D. C.
Hoaglund, Cyrus Vincent, Minn.
Holt, Elmer Cornelius, N. Dak.
Hoopes, Edward III, D. C.
B.Sc. in M.E., University of Oklahoma
Hoover, Wallace Beattie, D. C.
*Howes, Townsend, Md.
Hoxie, John Alfred, Mass.
S.B., Massachusetts Institute of Technology
Hubschman, Albert, N. J.
Hudson, Ralph Hoskens, D. C.
Hyatt, Lena Rose, D. C.
James, Sydney, N. Y.
B.S., College of the City of New York
*Johnson, Bertrand Leroy, Mass.
S.B., Massachusetts Institute of Technology
*Johnson, Carl Daniel, Kans.
Johnson, Nobel Gustaf, Ill.
A.B., University of Illinois
Johnston, Charles McClean, Mich.
A.B., Wabash College
Johnston, LaDow, Ohio
†Justice, Glenn Leroy, Va.
Kaufman, Herman Paul, N. Y.
M.E., Brooklyn College of Engineering
Kaufmann, Joseph Alexander, Va.
Keegin, Stafford Warwick, D. C.
A.B., Dartmouth College
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B.S., Barnard College; M. A., Johns Hopkins University
*Kepler, Donald Muckler, Iowa

- Ketcham, John Clark, Jr., Mich.
 Kilburn, Henry Thomas, D. C.
 B.S., Columbia University
 Kirkland, James Robert, Del.
 Koerner, Edwin Otto, Wis.
 B.S. in E.E., University of Wisconsin
 Koiner, David Randolph, Va.
 Kramer, Samuel Henry, Mass.
 Kreek, Louis Francia, Mo.
 Lachowicz, John Stanley, Conn.
 B.S. and M.A., Wesleyan University (Connecticut)
 Lackmann, Luella Irene, D. C.
 A.B., Cornell University
 Langerman, Albert, Pa.
 LaRosa, Willard Edoin, Ill.
 †Lawrence, Thomas Linwood, D. C.
 Leasure, Charles Edward, D. C.
 B.S. in C.E., Catholic University
 †LeClereq, Frederic Kellogg, S. C.
 A.B. and A.M., Oxford University
 Levin, Nathan, N. J.
 M.E., Lehigh University
 †Levy, Maurice Bert, Pa.
 A.B., Lehigh University
 Lewis, James Taylor, N. C.
 Lightman, Jacob Ben, D. C.
 †Lindholm, George Victor, N. J.
 Little, Leroy, Wis.
 B.S. in Eng., University of Minnesota
 †Lockwood, Gordon Browning, Ind.
 B.S., Dartmouth College
 Lovett, John Willis, D. C.
 Lovewell, Newton Nehemiah, Wis.
 Lutkiewitz, Vincent Alexander, D. C.
 Lyman, Albert, Idaho
 Lynn, Marshall Hancock, D. C.
 B.S., University of Virginia
 Lyons, Robert Donlan, S. Dak.
 A.B., University of Wisconsin
 MacFadyen, Mary, N. C.
 †Macina, Louis De Raimond, D. C.
 †MacPherson, Colin Campbell, Va.
 B.S., University of Virginia
 †Major, Ruth Fales, D. C.
 Malcolm, Dwight L., Okla.
 †Manuelian, Aram Dec, D. C.
 B.S., University of Vermont
 Marmelstein, Nathan, Ohio
 B.S. in Ch.E., Case School of Applied Science
 Mayfield, John S., Tex.
 Mayfield, Laurence W., Mo.
 Merrick, Wayne, Iowa
 Merrill, William Harrison, Jr., Md.
 A.B., University of Maryland
 Merritt, Lewil Griffith, D. C.
 B.Sc., The Citadel
 †Michot, Annie Eugenie, Tex.
 Miller, Helen Willett, Mich.
 A.B., University of Michigan
 †Milwee, R. Frank, Ark.
 Minnis, Philip Allen, Ind.
 B.S. in M.E., Rose Polytechnic Institute
 Moeller, Otto, N. Y.
 †Mondell, William Harris, Wyo.
 Montatream, John Martin, Conn.
 B.S., Carnegie Institute of Technology
 Moorhead, Ruth, Pa.
 B.S., Simmons College
 Morris, Wayne Howard, Ind.
 B.S., University of Michigan
 †Morrison, Joe Wood, D. C.
 A.B., University of Michigan
 Morrow, Theron Bromley, Mo.
 †Morse, Excellenza Leah, Vt.
 A.B., University of Vermont; B.S. and M.S., Massachusetts Institute of Technology
 †Mote, Donald R., Ind.
 †Muir, Joseph Johnstone, D. C.
 †Mullee, Raymond G., N. Y.
 Mushake, William Ira, D. C.
 B.S. in C.E., George Washington University
 McCormack, Dwight Lynn, Ill.
 †McCormick, Homer L., Okla.
 †McKendree, Laurette M., Ohio
 A.B., George Washington University
 McKenney, Henry Joseph, D. C.
 †McKenney, Phelps Felix, Fla.
 McPherson, Richard Kerens, Mo.
 †Nalla, Earl Melville, D. C.
 Naylor, James Marion, D. C.
 Neilson, Preston Matt, Utah
 Nelson, Clarence James, Iowa
 Neviaser, Arnold Harry, D. C.
 Neville, George Waddell, Miss.
 A.B., University of the South
 Neyman, Fanny, Mont.
 Nicholson, John Reed, Jr., Del.
 B.S. in E.E., University of Delaware
 Nilson, Ralph Gilbert, Mass.
 Nixon, Otis Edwin, Okla.
 Nordstrom, Arthur Hugo, D. C.
 Nordstrom, Gertrude Hunter, D. C.
 O'Brien, Ruth, D. C.
 B.Sc. and M.A., University of Nebraska
 †Osmond, Harvard, Utah
 Packer, Earl LeNair, Utah
 A.B., George Washington University
 Palmer, James Charles, D. C.
 Parker, Norman Douglas, Jr., D. C.
 E.E., Lehigh University
 Parkinson, Edmond West, Idaho
 B.S., Brigham Young University
 Parks, Leston Curtis, Tenn.
 A.B., University of Maryland
 Parrish, Charles Jefferson, D. C.
 Grad., U. S. Naval Academy
 Peterson, Eric George, Kans.
 Peterson, Lucie Frances, Wash.
 Phelps, Marion Brooks, Ohio
 A.B., Oberlin College
 Plumley, Allan Rudolph, Vt.
 B.S. in Chem., Norwich University
 Pollitt, Mima Riddiford, Ohio
 A.B., University of Cincinnati
 Porter, Clarence Henry, D. C.
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 †Preinkert, Alma Henrietta, D. C.
 A.B., George Washington University; A.M., University of Maryland
 †Preinkert, Margaret Marie, D. C.
 A.B., George Washington University; A.M., University of Maryland
 Putnam, Joseph Clifford, Ill.
 †Pyle, Frederic Ray, D. C.
 †Quinn, Orlo Harry, Colo.
 Bachelor of Pedagogy, Maryville State Teachers College
 †Raymond, James Harvey, D. C.
 Redford, Carroll Morris, Ky.
 Reed, Albert C., D. C.
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Rhodes, Frederick Lowell, N. J.
Rhodes, Cooper Burnett, Md.
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Rich, Moses Logan, Utah
B.S., Utah Agricultural College
Rommel, George Frederick, D. C.
A.B., George Washington University
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A.B., Teachers College, Peru, Nebr.
Rutheiser, Paul, N. Y.
Sandberg, Enos, Utah
*Sandlin, Harry Till, Ga.
Schimmel, Joseph, Md.
B.S. in Ch.Eng., Carnegie Institute of Technology
*Schindler, Julius Eli, Md.
*Schnitzler, Louis, Mass.
S.B. in M.E., Massachusetts Institute of Technology
Schulze, Richard Paul, D. C.
*Seibert, Thomas Hopkins, D. C.
Seymour, John Lawrence, N. Y.
B.S. in Chem.Eng., University of Maine
Shapiro, Arthur, Md.
B.Eng., Johns Hopkins University
Shields, Theodore Thomas, Minn.
Silverman, Joseph Melvin, D. C.
†Simmons, John Howland, Fla.
B.S. in E.E., Georgia Institute of Technology
Simonds, Robert McClellan, D. C.
B.S., Massachusetts Institute of Technology
*Slaughter, Blanchard King, Calif.
Slavik, Walter Mark, D. C.
Smith, Chester Carl, Pa.
*Smith, Frank, D. C.
Sonnekalb, William Frederic, Jr., N. J.
S.B., Massachusetts Institute of Technology
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B.S. in C.E. and A.B. in Chem., George Washington University
Stanton, William Henry, D. C.
A.B., George Washington University
Steege, George Washington, D. C.
Strickland, George Henry, Mass.
Suran, Raymond Cade, Okla.
*Sutherland, Joseph Donald, Pa.
*Swezey, William Francis, Del.
Tarleton, Gilbert Plympton, Mass.
Terrill, Clarence Louis, Md.
†Thompson, Edgar, Mo.
B.S., M.S., and A.M., Drury College; M.D., St. Louis University

†Thomson, Earl Henry, Mass.
Tillema, John Albert, D. C.
A.B., Hope College; A.M., University of Michigan; Ph.D., Washington University
Torrey, Morgan Caywood, D. C.
Tunick, Harry, N. Y.
E.E., Rensselaer Polytechnic Institute
Underwood, Richard Laskey, D. C.
Untiedt, Frederick Henry, N. J.
S.B. and S.M., Massachusetts Institute of Technology
Vernon, Weston, Jr., Utah
B.S. in Business Administration, University of Utah
Wade, William James, Ill.
Walker, Charles Lewis, D. C.
Waller, A. Nelson, D. C.
Walters, Allyn Andrews, N. Y.
†Walton, Charles William, Wis.
S.B. in Agri., University of Wisconsin
†Walton, Leon Charles, Utah
A.B., University of Utah
Ward, Charles Allen, Tenn.
B.S. in C.E., University of Tennessee
*Warren, Donald Stuart, Mo.
Wasmuth, Karl Edward, N. Y.
Watkins, Harley Alvin, Ohio
Weinold, Magnus, Minn.
A.B., St. Olaf College
*Weiler, William Ray, Wis.
Wemple, Edwin C., D. C.
Willey, Emerson Cannon, Utah
A.B., University of Utah
Williams, Fred Calvin, Colo.
Willis, Thomas George, Colo.
A.B., Colorado College
*Wilton, Edward Craig, D. C.
Wingfield, Cecil Gibson, D. C.
Winkjer, Guy Archibald, D. C.
B.S. in M.E., Lafayette College
Wood, John Sumner, Mass.
S.B., Harvard College
*Wright, Frederick Holmes, Calif.
A.B., George Washington University
†Wysong, William Prentiss, W. Va.
Young, Walter Hempstone, D. C.
B.S., University of Maryland
Youngman, Albert Stanley, N. Y.
*Zahler, Margarette Root, D. C.
A.B., University of Wisconsin
Zeydel, Walter Hugh, N. J.

SECOND YEAR

Allen, Walter Rudolph, N. Y.
Allison, Raymond Dean, Utah
Bailey, Roy Wells, Md.
A.B., Syracuse University
Ballinger, Willis Jerome, D. C.
Ph.B., Yale University
Beatie, Wilford Douglas, Utah
A.B., George Washington University
Bender, Leo, Md.
A.B., George Washington University
Berry, John Marshall, Ky.
Berry, William E., Ky.
Bever, Ellis Dorwin, Kans.

Blackmar, Lawrence James, N. Y.
A.B., Syracuse University
Blake, George Robert, Iowa
Bowden, Bernice Saunders, Va.
Brauner, Ralph Herman, D. C.
B.S. in M.E., George Washington University
Brewster, Joseph Evan, N. Y.
B.S., Virginia Military Institute
Brewster, Vernon Harcourt, Ill.
B.S., Northwestern University
Broder, Simon, N. Y.
M.E., Cornell University

- Brown, George Elmer, Mass.
 B.S., Princeton University
 Brown, Lynn H., Kans.
 A.B., University of Kansas
 *Brunner, Kenneth Henthorne, Ind.
 A.B., George Washington University
 Buckingham, Harriet, Ind.
 Bushong, Edward Stuart, Md.
 A.B., Davis and Elkins College
 Carter, Rolla, Ohio
 B.E.E., Ohio State University
 Casey, Marlin Scott, Kans.
 †Chapman, Ralph, Tex.
 Chapman, Lyman M., Utah
 Claggett, John Francis, Md.
 A.B., University of Maryland
 Coble, Adlai Stevenson, D. C.
 M.E., Cornell University
 Coe, Allen, Md.
 Collier, Cranfill H., Tex.
 Colton, Hugh Wilkins, Utah
 Conlyn, Margaret, D. C.
 Connelly, John Waldo, Jr., D. C.
 A.B., George Washington University
 Cooper, Morton Oscar, Tenn.
 B.S. in Animal Industry, Iowa State
 College; M.A., American Uni-
 versity
 Crabbe, William Mothershead, Ky.
 Culbertson, Paul Trauger, Kans.
 Ph.B., Yale University
 Darling, Carl Egbert, N. Y.
 Davidow, Israel, N. J.
 Deibler, David Hobson, Md.
 DeLong, Forrest Allen, Pa.
 Dillaway, Robert Gardiner, D. C.
 A.B., University of Michigan
 Dimon, Philip Worthington, D. C.
 A.B., Johns Hopkins University
 *Dinger, Jean Thompson, D. C.
 Douden, William L., N. Y.
 Drummond, Earle Jay, Ohio
 A.B., George Washington University
 *Duft, Harry Charles, Nebr.
 A.B., Phillips University
 Dunn, Robert Thomas, Ohio
 A.B., Ohio State University
 Earseman, Lois, Pa.
 A.B., Mt. Union College
 Eggleston, George William, Ind.
 Epps, William Robinson, Md.
 B.S. in M.E., Virginia Polytechnic
 Institute
 Evans, Walter Ogden, Ky.
 A.B., George Washington University
 Felshin, Judah Barnett, N. Y.
 M.E., Stevens Institute of Tech-
 nology
 Flint, Joseph Howard, N. Y.
 B.Chem., Cornell University
 Ford, Theodore Leo, Nebr.
 †Frank, Abner, D. C.
 Galloway, Beverly Stewart, N. Y.
 A.B., Lehigh University
 Geppert, Carl Frank, Md.
 E.E., University of Dayton
 Gettle, Francis Samuel, Ark.
 Gibson, Edward Banks, D. C.
 Grad., U. S. Naval Academy
 Gibson, Ernest William, Vt.
 A.B., Norwich University
 Gourley, Lawrence L., Ill.
 Graves, Harold Nathan, Ill.
 A.B., Knox College
 Greenberg, Abraham S., N. Y.
 B.S., College of the City of New York
 Grunz, Charles Ray, Ill.
 A.B., Illinois College
 Gustafson, Olof Alfred, Conn.
 Hanes, Stanley Bartlett, Va.
 Hanscom, LeRoy, Calif.
 A.B., University of California
 Haughey, John Theodore, Iowa
 Hedgecock, Leland Stanford, Tenn.
 A.B., University of Tennessee
 Heilman, Joseph Wolfe, D. C.
 B.S. in Econ., University of Penn-
 sylvania
 Herndon, Neal Norton, Ala.
 Herrstrom, Charles Edwin, Mass.
 S.B., Massachusetts Institute of
 Technology
 Hobson, John Robert, Md.
 Hood, Harold Burges, Ind.
 B.S. in C.E., Rose Polytechnic In-
 stitute
 Hooper, Leon Noel, S. Dak.
 Howrey, Edward Freeland, Iowa
 Hubbard, Wilbur Ross, Md.
 A.B., Yale College
 Huff, Fannie Mae, Tenn.
 A.B. and A.M., Carson and New-
 man College
 Hull, Charles Wesley, Pa.
 A.B., Franklin and Marshall College
 Hull, John Sommers, Ohio
 Hutton, Lynn D., S. Dak.
 B.S. and M.S., South Dakota State
 College
 *Jewkes, Ruel Reid, Utah
 Johnston, Victor Angus, N. Dak.
 †Johnston, William Gordon, Iowa
 A.B., University of Iowa
 Kemp, Bolivar Edward, Jr., La.
 King, Olive Virginia, D. C.
 Kinslow, G. Balis, Kans.
 Klinge, Henry John, D. C.
 Knight, Geoffrey, D. C.
 B.S., Cornell University
 Ladd, Daniel Milton, N. Dak.
 Laird, Ralph Eldon, Iowa
 Langyher, Cecil Randolph, D. C.
 Lavender, Robert Alfred, D. C.
 Graduate, U. S. Naval Academy;
 M.S., Harvard University
 Levinson, Joseph, D. C.
 Lewis, Ollie Lee, Ky.
 A.B. and M.Sc., George Washing-
 ton University
 Lewis, Samuel Lee, Okla.
 L'Heureux, Herve Joseph, N. H.
 A.B., George Washington University
 Long, Lyman Lee, Md.
 A.B., Western Maryland College
 *Luber, Harold Edgar, D. C.
 Mack, Gordon Charles, Ill.
 A.B. and M.S., University of Mich-
 igan
 Mallett, Emery Longfellow, Me.
 A.B., Bowdoin College
 Marchetti, Randolph Orville, D. C.
 A.B., George Washington University
 Marshall, Jaquelin Ambler, D. C.
 Marshman, Irving Howard, N. Y.
 B.S. in E.E., University of Minne-
 sota
 Mattingly, Harold Webster, D. C.

- Merritt, Ella Arvilla, D. C.
A.B. and A.M., George Washington University
- Merry, Henry Herbert, Jr., Mo.
A.B., Bowdoin College
- Miller, Ammon Lee, Pa.
Ph.B., Dickinson College
- Miller, Ira Palmer, Pa.
- Miller, Lucile Berenice, Mont.
A.B., Washington University
- † Mitchell, Wade Hampton, D. C.
- Moore, Clarence William, D. C.
A.B., George Washington University
- Moore, Clifton Leonard, N. C.
A.B., University of North Carolina
- Moore, Theodore Roosevelt, Okla.
- Morrison, Phoebe, Md.
A.B., Vassar College
- Mount, Thomas Keener, Md.
- † Moynihan, Harry Lawrence, Ill.
- McGregor, Thomas Henry, Jr., La.
* McGrew, Martha Steele, Tenn.
- A.B., George Washington University
- McSwain, William Cedney, N. C.
B.S. in Commerce, University of South Carolina
- Nacrelli, Joseph Anthony, Pa.
- Neil, Hubert Frederick, N. Y.
- Nilsson, Chester Edward, S. Dak.
- O'Hanrahan, Edmond Constantine, Minn.
B.S. in Eng., University of Minnesota
- Ohlander, Lyle Wayne, D. C.
A.B., George Washington University
- † Osmond, Alfred Wendell, Utah
- Parker, Clarence LeRoy, Jr., D. C.
A.B., Princeton University
- Paulson, Eli Martinus, N. Dak.
- Payne, Donald E., D. C.
B.S. in Ch.E., University of Idaho
- Peter, Edward, Md.
- Peterson, Robert Dupree, Tex.
- * Phillips, Paul Maurice, Mass.
B.S. and M.S., Massachusetts Institute of Technology
- Porterfield, Roy Albert, Mo.
B.S., M.S., C.E., University of Kansas
- Priest, Roy Rife, Tex.
- Ray, Christopher A., R. I.
- Reagle, Hilda Ruth, D. C.
A.B., George Washington University
- † Redfield, Alden Dallas, N. J.
Graduate, U. S. Naval Academy
- Rice, Claude Alvin, Ill.
- Robertson, John Reynolds, D. C.
- Rosenberg, Israel Harry, D. C.
B.S., Harvard University
- Russell, Ernest, Va.
A.B., Emory and Henry College
- Safford, Truman Sunderland, Mich.
A.B., Antioch College
- Sammons, Charles McKinley, D. C.
- Scarborough, Walter Boyd, Tex.
- Sherwood, Cameron, D. C.
A.B., Whitman College
- Shreve, Charles Everett, D. C.
- Shreve, Richard Southerne, Jr., Va.
B.S. in M.E., George Washington University
- Sibbe, Carl Frederick, Wis.
B.S., University of Wisconsin
- * Simonton, Theodore Eames, N. Y.
- Simpson, Vivian Virginia, D. C.
A.B., George Washington University
- Slack, Thomas Alfred, D. C.
B.S., Virginia Military Institute;
C.E., Cornell University
- Smith, Ardis Adela, Iowa
- Smith, Paul Russell, Okla.
- Smith, William Parkhurst, Mich.
A.B., University of Michigan
- Souther, George Harold, Mass.
- Spector, Saul Edward, Pa.
B.S. in Ch. University of Pennsylvania
- Steely, Eugene Newton, Ky.
A.B., University of Kentucky
- * Stephens, Chase Gayle, Ark.
- Stewart, Isaac Milton, Calif.
- Stoutenburgh, Paul Crosser, D. C.
A.B., Johns Hopkins University
- * Stuart, Arthur H., Mich.
B.S., University of Michigan
- Swecker, John Preston, Va.
- Tech, Ruth Catherine, Ind.
- Tepper, Nolan Harris, D. C.
- Teu, Sanford Brogdyne, N. C.
A.B., University of North Carolina
- Thaxton, Robert Calvin, Tex.
B.S., A. and M. College of Texas
- Tilton, Harry B., Ky.
- Tolson, Clyde Anderson, Iowa
A.B., George Washington University
- Treadway, William Eugene, Ind.
A.B., Indiana University
- Triebels, Nelson Eugene, Pa.
Ph.B., Dickinson College
- * Trimble, Gerald Roark, D. C.
- Upham, Cyril Bryce, Iowa
A.B., Morningside College; A.M. and Ph.D., State University of Iowa
- Van Alstine, Francis Everett, Iowa
- Van Cott, Ray, Jr., Utah
- Van Deusen, William Elmer, Calif.
- Vaux, Charlotte Ann, Va.
- Wagner, Winfield Frederic, Wyo.
- Wallace, Fred William, Okla.
- Wallace, Lawrence Allison, Idaho
A.B., University of Idaho
- Wallace, Victor Allison, Utah
- Warren, Thomas Lafayette, N. C.
A.B., University of North Carolina
- Wells, Greek, Idaho
B.S. in E.E., University of Idaho
- West, Ralph Eric, Calif.
A.B., University of California
- * White, Maude Ellen, Ohio
- Whitney, Byrie Albert, Iowa
A.B., University of Iowa
- Whitson, William Warren, D. C.
- Wilkins, William John, Mich.
- Willey, Harold Brainerd, D. C.
- Wilson, Riley Joe, Jr., La.
- Winn, Robert Hilary, D. C.
- Woodall, John Oscar, Va.
- Woodruff, George Lynn, D. C.
Graduate U. S. Naval Academy
- Young, Arthur Nichols, N. J.
A.B., Occidental College; A.M. and Ph.D., Princeton University
- Youngman, Frederick Ewin, Wyo.
A.B., George Washington University
- Yung-Kwai, Burnham, D. C.
A.B., Yale College
- Zimmerman, Carl Dressler, Utah

THIRD YEAR

- Adams, Quincey Dalton, Ark.
A.B., University of Arkansas
- Akera, Richard Harold, Md.
B.S., University of Virginia; B.C.S.,
New York University
- Allan, Edgar Poe, Pa.
Amea, Paul Russell, Calif.
B.S. in Chem.E., California In-
stitute of Technology
- Anderson, Roy Percy, Wis.
B.S., University of Wisconsin
- Babcock, George Woodman, D. C.
Babbington, Thomas A., D. C.
Barney, Ralph Andrew, Okla.
Bartl, Forest Florian, Ind.
†Bauman, Walter Michael, Nebr.
Beale, Edward Belknap, D. C.
C.E., Lehigh University
- *Beall, Thomas Emmert, D. C.
Bender, Ernest Gustavus, Ind.
*Bennett, James Van B., R. I.
A.R., Brown University
- Berkowitz, Louis, Del.
B.S. in Ch.E., University of Penn-
sylvania
- Berryman, Wheeler Kirk, Ky.
Birka, John Gouge, Ill.
A.B., James Milliken University
- Blanton, Thomas Lindsay, Jr., Tex.
B.S., Princeton University
- Bolin, John Wise, Ohio
Bolton-Smith, Carlile, Tenn.
Bonebrake, George Daniel, Ohio
A.B., George Washington University
- Braden, Edward Fleming, Ill.
A.B., University of Illinois
- *Brandenburg, Stanley Crook, Colo.
Brinkley, Milo Hamilton, Calif.
B.S.C.E., University of Missouri
- Brooks, Benjamin Joshua, D. C.
*Brown, Francis Willis, D. C.
A.B., George Washington University
- Bryant, Sarah Catherine, Ky.
Buschman, Kenneth James, Minn.
A.B., George Washington University
- Byington, Moses Brownlow, Tenn.
Grad. U. S. Naval Academy
- Cannon, David Woodward, Utah
A.B., University of Utah
- Carroll, Mitchell Benedict, D. C.
A.B., Johns Hopkins University
- Cherry, Alfred Keller, Utah
Chisholm, Theodore Livings, Md.
B.E., Johns Hopkins University
- Churbuck, Percy Forrest, Mass.
Clark, Milford Harrison, D. C.
Clegg, Hugh H., Miss.
A.B., Millsaps College
- Clore, Edward, Ind.
Cochrane, James Alexander, Jr., Pa.
A.B., Swarthmore College
- Collier, Pearle Burruss Hensley, Va.
Colvin, Paul Ariel, Va.
Coon, Ernest Edwin, W. Va.
Corbin, Bartley Hampton, Ala.
Cosier, Allen Randall, Nebr.
Crandall, Marie Frances, N. Y.
*Darby, Roy Thomas, Iowa
A.B., George Washington University
- Dart, Francis Clements, Ga.
A.B., University of Georgia
- Dauo, Edwin Oliver, Pa.
B.S. and E.M., Michigan College of
Mines
- Davis, James Cox, Jr., Iowa
Davis, Marshall Dean, Ga.
*DeFeo, John Donald, Conn.
*DeNunzio, Frank, D. C.
Dick, Robert William, Iowa
*Dulles, Allen Welsh, N. Y.
A.B. and A.M., Princeton Uni-
versity
- Eaton, Paul Worthley, D. C.
Ellaworth, German Smith, Utah
Ely, Robert Burroughs, Va.
A.B., Emory and Henry College
- Emerson, Lee Earl, Vt.
A.B., Syracuse University
- Fallon, Pascal Donald, N. Y.
Faulkner, Robert Nelson, Calif.
Fisher, Clarence Milton, D. C.
†Fowler, Ann Barron, D. C.
Gardner, Allen Howard, Pa.
*Gilbert, Joseph B., Pa.
Gillespie, Rees Alexander, Mo.
Gleichman, Walter Charles, Ind.
Gordon, Howard Throop, Iowa
Gray, William Howard, D. C.
Greer, Frank Upton, D. C.
Grubbs, Paul Douglas, D. C.
Hagan, Jonathan Foster, Va.
A.B., George Washington University
- Haley, Teresa V., N. Y.
Hansen, Arnold Clement, N. J.
Hanson, Vern Leslie, Minn.
Harris, Howard Dodds, Ohio
*Hart, Willard Lanning, Ohio
B.S., Clemson Agricultural College
- Hartford, Homer Myron, Pa.
B.S. in E.E., Pennsylvania State
College
- Hastings, George Sands, D. C.
A.B., George Washington University
- Haworth, Edith Floy, N. C.
Helferich, Elmer Runyan, Mich.
B.S., M.E., University of Michigan
- Henry, Ernest Fulton, D. C.
Hicks, George Dewey, Ala.
Hill, Samuel Jones, Va.
Hirschman, Joseph, Pa.
B.S. in Chem.Eng., Carnegie In-
stitute of Technology
- Hobbs, Haviland, Pa.
Holmes, Clay Clinton, N. Y.
Hopping, Louis M., Ill.
A.B., George Washington University
- Hume, James Pickrell, D. C.
Hyde, George Osmond, Idaho
Imus, Aldon Elon, Mo.
Ingels, Nelle Louise, Ill.
Ph.B., Greenville College, Green-
ville, Ill.; A.M., University of
Illinois
- Johnson, Harry Wiswell, D. C.
Johnson, Lester Wylie, Ill.
A.B., George Washington University
- Johnson, Lewis Harry Clemmer, Calif.
Kahn, Robert Leon, N. H.
S.B., Harvard College
- Kimball, Herbert Cowling, Ill.
A.B., Dartmouth College
- Kippis, Samuel William, D. C.
Kirsch, William Olympe, D. C.
B.C.S., New York University
- Kline, John Reed, Mo.
B.S. in Agri., University of Missouri
- Knauss, Harrison Edward, D. C.
Graduate, U. S. Naval Academy

- Kossow, Max, D. C.
Langston, James Argile, Okla.
Lasley, William Albert, N. C.
Latimore, Thomas Calloway, D. C.
Graduate, U. S. Naval Academy
*Lattin, Clarence Lorenzo, Conn.
Ph.B., Yale University (Sheffield
Scientific School)
Law, Albert James, Utah
*Levin, Harry Herbert, Pa.
B.S. in Ch.E., University of Penn-
sylvania
*Levin, Samuel, Md.
B.S. in Chem., Carnegie Institute of
Technology
Lewis, Orme, Aris.
Lisansky, Isaac, Pa.
B.S. in C.E., University of Pennsyl-
vania
Littlepage, John Marshall, Md.
Locke, Howard Palmer, Jr., N. C.
Logan, Arthur Gerald, N. J.
A.B., George Washington University
*Luchs, Bert Maurice, D. C.
Maddox, James Carrington, Jr., D. C.
Maddox, Thomas Francis, D. C.
Mague, Roscoe Edwin, Mass.
A.B., George Washington University
Mahoney, Eldred N., Iowa
Marks, Frank Henry, D. C.
B.S., M.S., George Washington Uni-
versity
Marquis, Ronald Nyman, Okla.
A.B., George Washington University
Martin, John Vincent, S. C.
B.S., Clemson College
†Martin, Ward, Okla.
Mendes, Joseph C., Colo.
*Mets, Jessie Virginia, D. C.
*Miller, Rudolph Ney, D. C.
*Millapaugh, James William, Ind.
Moncure, Jack Ashby, Va.
Morse, Merton David, N. Y.
B.S. in E.E., Union College
McBride, Wallace William, Idaho
*McCorken, Eugene Paul, N. Y.
Eng. of Mines, Columbia University
McDermott, Harry Joseph, Iowa
B.A., University of Iowa
*McElroy, Louin Everett, Ark.
McGraw, Willard Graves, Md.
McKinley, William Stuart, W. Va.
McKnight, Robert Bruce, Utah
McLaughlin, Margaret, D. C.
A.B., Wellesley College
*McManamy, Carl Dewey, Mich.
B.S. in M.E., George Washington
University
Newton, Hazel Mae, Mass.
O'Keefe, Charles James, Mass.
*Patten, Kenneth Spaulding, D. C.
Patterson, Homer Scott, Ga.
A.B., George Washington Uni-
versity
Petty, Joe Nicholas, Ala.
Phelps, Henry Levinga, N. Y.
Grad., U. S. Naval Academy
*Phenix, Spencer, D. C.
A.B., Harvard College
Pledger, Charles Edward, Jr., Va.
Porter, George Bontin, Iowa
A.B., University of Iowa
Potter, Edward Lee, Va.
A.B., Washington and Lee Uni-
versity
*Price, Harry, Pa.
B.S. in Ch.E., University of Penn-
sylvania
Reid, Sydney, Utah
Reynolds, Edwin Louis, Md.
C.E., Lehigh University
Ringle, David, Jr., D. C.
*Ristig, William Bradford, D. C.
*Rivise, Charles Weyman, Pa.
B.S. in Ch.E., University of Penn-
sylvania
Robert, Arthur Fortney, Pa.
B.S. in E.E., Pittsburgh University
Rosenbusch, William Traugott, D. C.
*Rosenlund, Arthur Jhalmer, Minn.
Rossman, Joseph, Pa.
B.S. in Ch.E., University of Penn-
sylvania
Ruth, Grace Mae, Del.
Sbarboro, John George, N. J.
B.S., Columbia University
Schottler, George Jesse, Minn.
B.S. in E.E., University of Minne-
sota
*Schroyer, Thomas Lawson, Md.
Schwartz, Marion E., Pa.
Seay, Temple Wayne, D. C.
Shepard, Philip Willard, Nebr.
B.S. in Ch.E., Catholic University of
America; M.S., University of
Michigan
†Smith, Stanley Phillips, Mich.
A.B., University of Michigan
A.M., Columbia University
Somervell, Howard, D. C.
*Spintman, Samuel, Md.
*Stearns, Orlo Foster, Md.
Stewart, Thomas Franklin, D. C.
B.S. in C.E., George Washington
University
Sullivan, Regina Theresa, D. C.
Taylor, Walter Hubbard, Mich.
*Thomas, Lisle, Mich.
A.B., George Washington Uni-
versity
Thrasher, Mildred, Mich.
†Todd, Oswald Newton, Pa.
Tolman, George Edmunds, N. Y.
Trimble, John Thomas, Jr., Ga.
*Unmacht, George Frederick, Ill.
Updike, Edward Lafayette, Va.
Wagner, Edward Burnax, N. Y.
Walker, Ralph Linwood, D. C.
Wallace, Lewis Joseph, Utah
*Walsh, William Edward, R. I.
Waterman, Sterry Robinson, Vt.
A.B., Dartmouth College
Welliver, Edward Morrison, Md.
Wendt, Robert H., Iowa
B.S. in E.E., George Washington
University
Wilkinson, Ernest Leroy, Utah
A.B., Brigham Young University
Wilson, Robert Clarence, N. C.
*Wilson, Robert Whipple, Ore.
Wolfe, Samuel, Pa.
B.Sc. in Ch.E., University of
Pennsylvania
Woodward, N. Faye, Kans.
Wrenn, John Edwin, Pa.
Zabel, Oscar Alvin, Wash.

CANDIDATES FOR THE DEGREE OF MASTER OF LAWS

- Barnes, Lewis Horatio, Tex.
LL.B., George Washington University
- Boyden, Roger Talbot, Mass.
B.S. in C.E. and LL.B., George Washington University
- Bradford, John Leo, D. C.
A.B., Park College; LL.B., George Washington University
- Brown, Agnes Marjorie, Iowa
LL.B., George Washington University
- †Brown, Francis Willis, D. C.
A.B., LL.B., George Washington University
- Bruce, Robert Manydier, Calif.
B.S. in M.E., California Institute of Technology; LL.B., George Washington University
- Buchanan, Douglas Riley, Mass.
B.S., Massachusetts Institute of Technology; LL.B., George Washington University
- Carter, Charles Angle, Va.
LL.B., George Washington University
- *Clephane, Beatrice Adalina, Md.
A.B., Wellesley College; LL.B., George Washington University
- *Colburn, Joseph Bradley, D. C.
LL.B., George Washington University
- †Connor, Mary Gertrude, Me.
LL.B., George Washington University
- Curtis, Harold Parker, Minn.
LL.B., George Washington University
- †Dagger, Golden Norman, Va.
A.B., Ohio State University; A.M., Wisconsin University; LL.B., Ohio State University
- †DeFeo, John Donald, Conn.
LL.B., George Washington University
- *Grossman, Herbert Robert, Ky.
A.B. and A.M., George Washington University; Ph.D., Georgetown University; LL.B., George Washington University
- †Hamilton, William Greene, Ark.
A.B., University of Arkansas; LL.B., George Washington University
- *Hull, LeRoy Martin, Kans.
LL.B., George Washington University
- *Hunter, Paul Benwood, Va.
B.S., Massachusetts Institute of Technology; LL.B., George Washington University
- Janes, Clinton Searl, Md.
LL.B., George Washington University
- Jaworski, Leon, Tex.
LL.B., Baylor University
- *Kosicki, Bernard Aloysius, Conn.
A.B. and A.M., Wesleyan University; LL.B., George Washington University
- Kushner, Irene Cecelia, D. C.
LL.B., George Washington University
- Lavine, Harold H., Va.
LL.B., George Washington University
- Lavine, Isidor Morris, Va.
LL.B., George Washington University
- Litselman, John Henry, Pa.
LL.B., George Washington University
- *†Loop, Edwin Albert, Ill.
LL.B., George Washington University
- †Louis, Max Colman, D. C.
LL.B., George Washington University
- Markley, Samuel Van Dyke, Ohio
A.B., Miami University; LL.B., George Washington University
- Mendelson, Israel Jacob, D. C.
A.B., LL.B., George Washington University
- †McCorken, Eugene Paul, N. Y.
Engineer of Mines, Columbia University; LL.B., George Washington University
- †McManamy, Carl Dewey, Mich.
B.S. in M.E. and LL.B., George Washington University
- McRae, David Essell, D. C.
LL.B., George Washington University
- †Neacey, William, D. C.
LL.B., George Washington University
- †Nedrow, Ray William, Nebr.
A.B., Doane College; LL.B., University of Nebraska
- Nelson, Henning Richard, Ill.
LL.B., George Washington University
- Newman, Helen, D. C.
LL.B., George Washington University
- *Nichols, Arthur Green, Jr., D. C.
LL.B., George Washington University
- Niebell, Paul Milton, Pa.
LL.B., George Washington University
- Onions, Richard Elwell, Calif.
A.B., University of California; LL.B., George Washington University
- †Patten, Kenneth Spaulding, D. C.
LL.B., George Washington University
- Perry, Arthur Calvin, Tex.
LL.B., George Washington University
- Phillips, Charles Emory, D. C.
LL.B., George Washington University
- Powers, Mary Ellen Frances, Mass.
LL.B., George Washington University
- †Price, Harry, Pa.
B.S. in Ch.E., University of Pennsylvania; LL.B., George Washington University
- Raine, Wendell Phillips, Pa.
B.S. in E.E., M.A., University of Pennsylvania; LL.B., George Washington University

Rapoport, Simon, La. LL.B., Vanderbilt University	Tanenbaum, Louis David, Tenn. LL.B., George Washington University
Ring, Freda, D. C. LL.B., George Washington University	Tracy, Stanley James, Utah LL.B., George Washington University
Scruggs, John William, Va. LL.B., Georgetown University	†Transue, Rollin Howard, Pa. LL.B., George Washington University
Shelton, Claude Wallace, Tex. LL.B., Washington and Lee University	†Unmacht, George Frederick, Ill. LL.B., George Washington University
Slanker, Frederick Knight, D. C. A.B., University of Maryland; LL.B., George Washington University	Ventura, Mario, Md. LL.B., George Washington University
Smith, Kenneth Ginn, Ohio LL.B., George Washington University	*Walsh, John Butler, D. C. LL.B., George Washington University
Stirratt, John Clarence, Idaho LL.B., George Washington University	Waring, Paul Edward, D. C. B.S., University of Pennsylvania; LL.B., George Washington University
†Stuart, James Edwin, Va. A.B., Emory and Henry College; LL.B., George Washington University	*Wilson, Theron DeWitt, Tenn. LL.B., George Washington University

CANDIDATES FOR THE DEGREE OF MASTER OF PATENT LAW

Laughlin, Robert, S. Dak. LL.B., University of South Dakota	Cox, Jerome Rockhold, Md. A.B., Western Maryland College; LL.B., George Washington University
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UNCLASSIFIED STUDENTS

†Abramson, Herbert, D. C. A.B. and A.M., George Washington University	*John, Julia Cecil, Tex. A.B., Southern Methodist University
Beasley, Kern Grant, Ind. A.B., Indiana University	†Lesser, Moses Aaron, Mass. LL.B., George Washington University
*Beck, Henry Abraham Winchester, Ind. A.B., Harvard University	*Marra, Aubrey Ridgway, N. Y. *Micheles, Vera Alexander, Mass. A.B., Radcliffe College
†Blanton, John Matthews, Tex. B.S., Princeton University	Parker, Edwin Cortlandt, N. J. A.B., Harvard University
Coleman, Beverly Mosby, D. C. Graduate, U. S. Naval Academy	Patton, Perkins LeFevre, N. Mex.
Donaldson, Edmund Calvin, Md. B.S. and M.S., University of Maryland	*Rotsler, William M., Utah A.B., George Washington University
Fesler, Ruth, Minn. A.B., Stanford University	Sunderland, Lowry Edwin, Ill.
*Hatchcock, Bernard Dunlap, N. C. A.B., Duke University	Tietig, Chester, D. C. A.B., University of Cincinnati

SPECIAL STUDENTS

Atkinson, William Henry, D. C.	†Cowherd, Yelverton, Ala.
†Baucom, Byrne Virchow, D. C.	Dewey, Orville Culbertson, W. Va.
Baumann, Carl Adam, Pa.	Dooley, John Warren, Ill.
Bonnin, Raymond T., D. C.	†Feeley, Cornelius Martin, Mass.
Browner, John Lloyd, D. C.	Fitzgerald, John Joseph, N. Y.
Bronaugh, George E., Ore.	Gartner, Allen George, Tenn.
Burdge, James Robert, Ind.	Grantham, Everett Milton, N. Mex.
*Cady, Walter Joseph, D. C.	Grimme, Prewett J., D. C.
Cain, Benjamin Butler, Jr., Tex.	†Hatter, Leonard Harry, Pa.
Carr, Josiah Lawrence, Tex.	Higman, William Edwin, Utah
Chaimas, Allan, N. Y.	Hodges, Ethel, Ky.
†Churbuck, Lewis Marshall, Mass.	Hogan, Bessie, Va.
*Colton, Bruce Stranger, D. C.	Hull, Edward Seabrook, D. C.
Conrad, William George, Calif.	*Hunter, Marie H., Minn.

Hurley, Joseph H., D. C.
Hyde, Rosel H., Idaho
Kass, Martha M. R., S. Dak.
Kiener, John Hupp, Va.
Langshaw, Gertrude, Mich.
Larkin, William Wallace, Va.
Malone, Eugene James, D. C.
Marshall, Winfield Scott, Conn.
Miller, George Martin, D. C.
Munster, Otto Walter, N. Y.
Murphy, Thomas Francis, Mass.
Musick, Alva Eleions, D. C.
McCrea, Sarah Melvaine, Pa.
*McNeil, John Chrisostom, D. C.
Nebeker, Aquilla, Utah
Newman, John Joseph, N. Y.
O'Brien, Francis P., Md.
*Oliveri, Frank Rosario, D. C.
*Oscar, Jerome Kay, D. C.
Payne, Wilford Hoten, Utah
*Pendleton, Lee, D. C.
*Quimby, Charles Henry, III, D. C.
Raw, Clifford Winall, Mont.

Reavis, Thomas Hill, La.
Rice, Charles Austin, Iowa
*Richmond, Alfred Carroll, Va.
Riggs, Louise, D. C.
Sandusky, Bernard Mortimer, N. Y.
*Schinetti, Lucile Helen, D. C.
Shalet, Paul, Mo.
*Simonda, Susan Lansing, D. C.
Smith, William Montgomery, Va.
Snavelly, William Arthur, D. C.
Sommerville, James William, D. C.
*Stancesco, Emil, Roumania
Stein, Goldie, D. C.
Sutton, Granger G., D. C.
Trimble, Robert Samuel, Jr., Fla.
Vitallo, James Caesar, D. C.
*Whalen, James Joseph, Pa.
*Wheat, Mai Olive, Fla.
Wicks, Joseph, Okla.
Willis, Mary Dixon, D. C.
*Wilson, Charles Francis, D. C.
*Yarley, Chalmers Benjamin, N. C.

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Alabama	25	Pennsylvania	236
Arizona	1	Rhode Island	7
Arkansas	14	South Carolina.....	27
California	39	South Dakota	17
Colorado	29	Tennessee	40
Connecticut	50	Texas	64
Delaware	8	Utah	63
Florida	22	Vermont	15
Georgia	20	Virginia	370
Idaho	27	Washington	8
Illinois	93	West Virginia.....	45
Indiana	78	Wisconsin	43
Iowa	68	Wyoming	11
Kansas	42	District of Columbia.....	2,875
Kentucky	40	Canada	4
Louisiana	18	China	3
Maine	16	Egypt	1
Maryland	404	England	1
Massachusetts	95	Germany	1
Michigan	48	Greece	1
Minnesota	47	Honduras	2
Mississippi	34	Italy	3
Missouri	55	Japan	1
Montana	11	Mexico	1
Nebraska	19	Palestine	1
Nevada	2	Panama	5
New Hampshire.....	17	Philippines	18
New Jersey.....	81	Porto Rico	16
New Mexico.....	10	Russia	3
New York	265	Siam	2
North Carolina.....	47	Smyrna.....	1
North Dakota.....	13	Spain	1
Ohio	100	Switzerland	2
Oklahoma	43		
Oregon	6	Total	5,737

GENERAL SUMMARY

TEACHING STAFF

In many instances members of the teaching staff give only part time to the University.

Professors	86	
Associate Professors	22	
Clinical Professors	15	
Assistant Professors	17	
Associates	14	
Clinical Associates	12	
Instructors and Lecturers.....	159	
Assistants and Demonstrators.....	81	
Teaching Fellows	2	
		408

Students Registered in the University 1925-26:

Department of Arts and Sciences—

School of Graduate Studies.....	416	
Columbian College	2,971	
College of Engineering.....	570	
Teachers College	611	
		4,568

Professional Departments—

Medical School	270	
Law School	868	
Pharmacy	31	
		1,169
Total.....		5,737

Summer School, 1925—

Arts and Sciences Summer School.....	1,209	
Medical Summer School.....	28	
Law Summer School.....	423	
		1,660

DEGREES CONFERRED

COMMENCEMENT, 1925

HONORARY DEGREES

Doctor of Laws

WILBUR JOHN CARR
EDWARD J. HENNING

Master of Arts

ALEXANDER W. GREGG

DEGREES IN COURSE

Doctor of Philosophy

ELOISE BLAINE CRAM.....	Iowa
B.S. 1918, University of Chicago	
M.S. 1923, George Washington University	
EVERETT MONROE ELLISON.....	Tennessee
A.B. 1901, University of Chattanooga	
A.M. 1903, University of Chattanooga	
M.D. 1912, George Washington University	
CHARLES BONIFANT HAMILTON.....	District of Columbia
B.S. 1918, George Washington University	
M.S. 1920, George Washington University	
GRACE BRUCE HOLMES.....	District of Columbia
B.S. 1919, University of Maryland	
M.S. 1922, George Washington University	
HARRY JOSHUA KEFAUVER.....	Maryland
A.B. 1900, University of Maryland	
A.M. 1901, University of Maryland	
PRESTON WALTER MASON.....	District of Columbia
B.S. 1912, Michigan Agricultural College	
M.S. 1917, Purdue University	

Master of Arts

HERBERT ABRAMSON.....	District of Columbia
A.B. 1924, George Washington University	
SHELDON BUCKINGHAM AKERS.....	Virginia
B.S. 1922, University of Virginia	
COURTLAND DARKE BAKER.....	West Virginia
A.B. 1924, George Washington University	
WILMER TILLET BARTHOLOMEW.....	District of Columbia
A.B. 1923, George Washington University	
MARCIA BOYNTON.....	Ohio
A.B. 1924, George Washington University	
MARIAN ELIZABETH CASEY.....	District of Columbia
A.B. 1924, George Washington University	
ROBERT CARLYLE CLINE.....	District of Columbia
A.B. 1923, George Washington University	
HENRY BASCOMB COLLINS.....	Louisiana
A.B. 1922, Millsaps College	

ANITA MARIE COOK	District of Columbia
A.B. 1916, Smith College	
GERTRUDE ELIZABETH COOK	Ohio
A.B. 1924, Hood College	
GEORGE CLARK DUNHAM	District of Columbia
M.D. 1914, University of Oregon	
Doctor of Public Hygiene, 1921, Johns Hopkins University	
MAUDE FRANZONI ENGLISH	District of Columbia
A.B. 1918, George Washington University	
JESSIE RUTH EVANS	District of Columbia
A.B. 1917, Washington Missionary College	
PASQUALE JOSEPH FEDERICO	Ohio
B.S. 1923, Case School of Applied Science	
GEORGE HENRY HANSEN	Utah
B.S. 1919, Utah Agricultural College	
CLARISSA L. HARMAN	Maryland
A.B. 1924, University of Maryland	
DAISIE MORGAN HUFF	District of Columbia
B.S. 1902, Valparaiso University	
A.B. 1913, George Washington University	
THELMA HUNT	Maryland
A.B. 1924, George Washington University	
MAY MURPHY JOHNSON	Wisconsin
A.B. 1924, Milton College	
REGENA COOK JOHNSON	Ohio
B.S. in Medicine, 1921, George Washington University	
M.D. 1921, George Washington University	
ELIZABETH HENRY KENDRICK	District of Columbia
A.B. 1923, George Washington University	
MARY B. KERR	Missouri
A.B. 1917, George Washington University	
MARY MAGRUDER	Maryland
A.B. 1922, George Washington University	
JOHN RUSSELL MASON	District of Columbia
A.B. 1923, George Washington University	
CORLEY PERRY McDARMENT	District of Columbia
A.B. 1924, George Washington University	
AGNES TAYLOR MILLER	District of Columbia
A.B. 1924, George Washington University	
EDWARD BURTON MOULTON	Illinois
A.B. 1923, George Washington University	
JESSE JOSEPH WEBB PALMER	District of Columbia
A.B. 1923, George Washington University	
ANNABELLE WINGATE PHELPS	District of Columbia
A.B. 1922, George Washington University	
ANNA LOUISA ROAT	District of Columbia
A.B. 1921, George Washington University	
MAXINE FRANCES ROLLE	District of Columbia
A.B. 1924, George Washington University	
LILLIAN ALICE SHEWMAKER	District of Columbia
A.B. 1924, George Washington University	
EDNA SOPHIA SMITH	Michigan
A.B. 1920, George Washington University	

ROBERT BURT STADLER.....	District of Columbia
A.B. 1922, George Washington University	
GLADYS TAPLEY.....	District of Columbia
A.B. 1913, Lafayette College	
A.B. 1924, George Washington University	
FRED TELFORD.....	District of Columbia
Ph.B. 1918, University of Chicago	
ALBERTA WALKER.....	District of Columbia
A.B. 1914, George Washington University	
RUTH ELIZABETH WELTY.....	District of Columbia
A.B. 1916, Wittenberg College	

Master of Science

ARTHUR HUBER REDFIELD.....	District of Columbia
A.B. 1913, George Washington University	
EDWIN LEE WHITE.....	Virginia
A.B. 1922, George Washington University	

Master of Science in Civil Engineering

PRENTISS DIXON SALE.....	District of Columbia
B.S. 1916, George Washington University	

Master of Science in Chemistry

KATHERINE STITH LOVE.....	Virginia
A.B. 1917, University of Richmond	
JOHN THOMAS SCANLAN.....	Illinois
B.S. 1923, University of Illinois	
GEORGE ROBERT PELHAM WALTON.....	Indiana
B.S. 1912, George Washington University	
IVY JANE CHRISTIA WYMORE.....	Iowa
B.S. 1918, Drake University	

Bachelor of Arts

BERTHA ABRAMSON.....	District of Columbia
(With distinction)	
JESSICA CHAMBERS ADAMS.....	District of Columbia
MARTHA SUSAN ALEXANDER.....	Illinois
SOREN CHRISTIAN ANDERSEN.....	District of Columbia
B.D. Lutheran Theological Seminary	
PAULINE AYRES.....	District of Columbia
LOUISE POSEY BALES.....	District of Columbia
(With distinction)	
W. DOUGLAS BEATTIE.....	Utah
MURIEL HOAGE BECKETT.....	Maryland
GEORGE EUGENE BEECHWOOD.....	Kansas
EDWINA BERRY.....	Mississippi
LEONA BOARDMAN.....	District of Columbia
ALLEN McFARLAND BOETTCHER.....	District of Columbia
OMAR JESSE BROWN.....	District of Columbia
HELEN LORING BRYANT.....	District of Columbia
(With distinction)	
EVA ISABEL BUNTEN.....	District of Columbia
(With distinction)	
IRWIN CECIL BYINGTON.....	Tennessee

GRETCHEN ELMINA CAMPBELL	Pennsylvania
LAWSON JAMES CANTRELL	Texas
SHERMAN H. M. CHANG	China
MARION ELINOR CLEVELAND	Maryland
WALTER FRANCIS COAKLEY	District of Columbia
RICHARD GATES CONGDON	New Jersey
JUNE COOPER	Maryland
HILDA IRENE COREY	Maine
FRANCIS XAVIER COURTNEY	New York
RALPH WAYNE CRAMER	District of Columbia
CHRISTINE DALE	Arkansas
MARGUERITE MARIE DALY	District of Columbia
ANNUNCIATA DARTON	District of Columbia
EVELYN DAVIS	District of Columbia
FRANCES JENNINGS DAVIS	District of Columbia
GERTRUDE MARGARET DENDINGER	Nebraska
FRANCES FLAACKE DONALDSON	New York
(With distinction)	
KARL FRIEDRICH WILHELM EDLER	District of Columbia
KATHARINE V. EDMONSTON	District of Columbia
ANNA LOUISE ESPEY	District of Columbia
JOHN S. FARIES, JR.	Nebraska
MARY HAMILTON FAUNTLEROY	Virginia
HADASSAH CARROLL FLEMING	District of Columbia
RUTH EVERMONT FOSTER	District of Columbia
PHOEBE MARION FURNAS	Virginia
PAUL DE LONG GABLE	District of Columbia
HARRY BENSON GILSTRAP, JR.	Oklahoma
HARRY LOUIS GOODMAN	Virginia
DOROTHY S. HADDOX	Maryland
WALLACE LEROY HALL	District of Columbia
HELEN HASTINGS	District of Columbia
HOWARD SCHWAB HEID	District of Columbia
EDWARD HIGGINS	Massachusetts
HARRIET HOSMER	California
RUTH MULFORD HUTCHISON	Colorado
MARGARET FERN HYATT	Texas
ETHEL M. JOHNSON	Ohio
(With distinction)	
ALVIN KENNETH KAR	District of Columbia
LAWRENCE R. KLEINSCHMIDT	Ohio
PHOEBE MALURA KNAPPEN	District of Columbia
KENNETH SHERMAN KURTZ	Pennsylvania
ROSE M. LEFEBVRE	Minnesota
(With distinction)	
HERVE JOSEPH L'HEUREUX	New Hampshire
MADGE LEWIS	Maryland
JOHN CRICHTON LEWTER	Virginia
EMMETT BRYAN LITTERAL	Missouri
ELLEN LITTLEPAGE	Maryland
ARTHUR GERALD LOGAN	New Jersey
MARY ALICE LOWREY	Mississippi
(With distinction)	
LEONARD DANIEL MCCARTHY	District of Columbia

ANITA ALICE McCORD.....	District of Columbia
CARROLL ALONZO McCOY.....	District of Columbia
ELEANOR GENEVIEVE McMURCHY.....	District of Columbia
RANDOLPH ORVILLE MARCHETTI.....	District of Columbia
ORA L. MARSHINO.....	Kentucky
ISRAEL JAY MENDELSON.....	District of Columbia
VICTOR SYLVESTER MERSCH.....	Indiana
WILLIAM MIDDLETON.....	Virginia
(With distinction)	
EVA MARY MORGAN.....	Illinois
ABIGAIL THERESA MURPHY.....	Vermont
IDA MILDRED MURRAY.....	West Virginia
RAYMOND WILKINS MURRAY.....	District of Columbia
LYLE WAYNE OHLANDER.....	District of Columbia
WILLIAM PARRY.....	District of Columbia
LL.B. 1917, National University Law School	
ALBERT BENJAMIN PARKER.....	District of Columbia
LL.B. 1923, George Washington University	
JULIA ANNA PAULSON.....	Indiana
GLADYS EDITH PHOEBUS.....	Maryland
ESTELLE MARGUERITE PITTMAN.....	Ohio
(With distinction)	
OWEN ORA POTTER.....	Indiana
EDWARD ARTHUR POYNTON.....	District of Columbia
HILDA RUTH REAGLE.....	District of Columbia
ANNA MAYE BLUNK RECTOR.....	Indiana
VIVIEN FAY REESE.....	Texas
MILLARD FREDERICK RENZ.....	Pennsylvania
RUTH SANDERS.....	Minnesota
CRIST G. SCOREDOS.....	District of Columbia
WINIFRED SHERWOOD.....	District of Columbia
ERNEST SEWALL SHEPARD.....	District of Columbia
FORREST P. SHOWALTER.....	Colorado
LL.B. 1924, George Washington University	
RONALD ALEXANDER SILVER.....	Colorado
LOUISE FRANCES SMITH.....	District of Columbia
RAPHAEL S. SPANO.....	New York
ROBERT CARROLL STANTILL.....	Tennessee
WILLIAM H. WENTWORTH STANTON.....	District of Columbia
LUCY ELIZABETH STEELE.....	District of Columbia
MARGARET M. STEWART.....	District of Columbia
DOROTHEA FURLAM STORCK.....	Virginia
CLIFFORD BROOKS STRATTON.....	Colorado
DEMETRIO MAMARIL SUGUITAN.....	Philippine Islands
ROBERT AUGUSTUS TRON.....	New York
LL.B. 1922, George Washington University	
HAZEL ROBERTA TRUSCOTT.....	District of Columbia
LIDA JOSEPHINE USILTON.....	District of Columbia
JOSEPHINE VACCARO.....	District of Columbia
PATERNO C. VILLANUEVA.....	Philippine Islands
HARRY FERGUSON WALLS.....	Pennsylvania
EDITH JOHNSON WEBB.....	Virginia
MARY FRANCES WEIGEL.....	Maryland
MARGARET BOYD WIBIRT.....	Virginia

WALTER ERASMUS WILES.....	North Carolina
JAMES CLAIBORNE WILKES.....	District of Columbia
LL.B. 1921, George Washington University	
RICHARD WALLACE WILKINSON.....	District of Columbia
MILDRED WILGUS.....	Ohio
GEORGE H. WILLITS.....	Michigan
DEBBYE JEAN WRIGHT.....	Arkansas
FREDERICK HOLMES WRIGHT.....	Minnesota
KATHERINE VAUGHAN WRIGHT.....	District of Columbia
FREDERICK EWIN YOUNGMAN.....	Wyoming

Bachelor of Science in Architecture

CATHARINE ANNE HOUGH.....	District of Columbia
THADDEUS SMITH MCCLELLAND.....	Ohio
FRANCES LEOTA SOARS.....	Pennsylvania
DICK SUTTON.....	Oklahoma
CLARENCE MAXWELL WOODWARD.....	Michigan

Bachelor of Science in Chemistry

FREDERICK F. DICK.....	New York
RAYMOND McGEARY HANN.....	District of Columbia
(With distinction)	
ERIC McGEE NEWCOMB.....	Massachusetts

Bachelor of Science in Chemical Engineering

CARL CLAUDE ANDERSON.....	Michigan
A.B. 1921, Albion College	
HOWARD ALLEN JONES.....	Virginia
(With distinction)	
ERNEST HOMER KLEIN.....	District of Columbia
NORMAN LOUIS KNIGHT.....	District of Columbia
(With distinction)	
PERCY ALLAN SIGLER.....	District of Columbia
JOSEPH HOMER WINKLER.....	District of Columbia

Bachelor of Science in Civil Engineering

LEIGH MEAD HAMMOND.....	South Carolina
FRANK ANDRE NICKOLS.....	Maryland
JOAQUIN PANIS.....	Philippine Islands
DOUGLASS ODENWELDER REED.....	District of Columbia
FREDERICK SCHAFER.....	District of Columbia
(With distinction)	

Bachelor of Science in Electrical Engineering

ROBERT CYRUS BLATT.....	District of Columbia
CARL DOUGLAS HUNTINGTON.....	District of Columbia
A.B. 1908, Hamilton College	
WILLIAM FREDERICK ROESER.....	Illinois
(With distinction)	

Bachelor of Science in Mechanical Engineering

FRANK REPP CALDWELL.....	District of Columbia
JOSEPH DAVENPORT HOUGHTON.....	Massachusetts
LAWRENCE KNOWLES HYDE.....	District of Columbia
ARTHUR J. STANTON.....	Pennsylvania

Bachelor of Science in Physics

HAROLD ALDEN WHEELER.....	District of Columbia
(With distinction)	

Bachelor of Arts and Bachelor's Diploma in Education

S. CHRISTEL BANGERTE.....	District of Columbia
MARY ELEANOR BIXLER.....	District of Columbia
JANICE BLUM.....	District of Columbia
CATHERINE BRACKETT.....	District of Columbia
FRANCES ISABELLA BROWN.....	District of Columbia
(With distinction)	
FRANCES MARIE BURKE.....	Indiana
ELIZABETH ULLAINE CORNELL.....	District of Columbia
ATTA EVANGELINE DODD.....	District of Columbia
WANDA MARION DURKEE.....	District of Columbia
NANCY FEEHAN.....	Massachusetts
DAVID FRIEDMAN.....	Maryland
HARRIET E. GARRELS.....	District of Columbia
ELIZABETH BERTHA GINGRICH.....	Pennsylvania
EDGAR GRAHAM.....	Arkansas
(With distinction)	
JEANCY KATHERINE GRAHAM.....	Missouri
JESSIE ELIZABETH HARRIS.....	New York
SARA TERESA HART.....	District of Columbia
(With distinction)	
RUTH BYERS HUTSON.....	District of Columbia
(With distinction)	
ALMA MAY JOHNSTON.....	Missouri
REBECCA KAPLOWITZ.....	New Jersey
ROSE EVELYN KUNDAHL.....	District of Columbia
IDAMAY LANG.....	District of Columbia
CATHERINE MARY LANTEL.....	District of Columbia
RUTH JEANNETTE MCGOWN.....	Maryland
GLADYS ELIZABETH MARKS.....	District of Columbia
ANNA MURRAY.....	District of Columbia
MIRIAM GREY RICHARDS.....	Maryland
EVA DUNNINGTON SMITH.....	District of Columbia
MILDRED ESTELLE STEELE.....	District of Columbia
BESSIE MEEKS SULLIVAN.....	Virginia
ADA KING SWIGART.....	Maryland
MARY ELLA TAYLOR.....	District of Columbia
EMILY THOUR THORNTON.....	District of Columbia

Doctor of Medicine

*CHARLES BENEDICT ANUARIO.....	New Jersey
ROBERT JOSEPH BOSWORTH.....	District of Columbia
(With distinction)	
A.B. 1921, George Washington University	
*GEORGE LOVERIDGE BOWEN.....	Kansas
A.B. 1922, George Washington University	
*HENRY GEORGE BRADLEY.....	Delaware
A.B. 1924, George Washington University	

GEORGE JOSEPH BRILMYER.....	District of Columbia
B.S. 1913, Alma College	
M.S. 1918, University of Michigan	
*HOMER KIRK BUTLER.....	District of Columbia
Phar. D. 1911, George Washington University	
KATHARINE ANTOINETTE CHAPMAN.....	Maryland
A.B. 1922, George Washington University	
*LAURENCE LEE COCKERILLE.....	District of Columbia
*GEORGE WILLIAM CRESWELL.....	District of Columbia
A.B. 1922, George Washington University	
JOSE ESTEBAN DAVILA.....	Porto Rico
ROBERT DENISON.....	District of Columbia
A.B. 1922, George Washington University	
LELAND MORONI EVANS.....	Utah
A.B. 1922, George Washington University	
HARRY FRIEDENBERG.....	District of Columbia
A.B. 1922, George Washington University	
*FREDERICK ALOYSIUS JOSEPH GEIER.....	District of Columbia
LOUIS JOSEPH IADIANO.....	New Jersey
*DON JOHNSON.....	Utah
WILLIAM BINFORD KING.....	Virginia
(With distinction)	
A.B. 1921, George Washington University	
ISIDORE LATTMAN.....	New York
Ph.G. 1916, Columbia University	
A.B. 1920, George Washington University	
*VICTOR LOPEZ.....	New York
*ROCCO SALVATORE MARRA.....	New Jersey
*HARRY ARNOLD HULL McNITT.....	District of Columbia
*HENRY JOHN RUSSELL McNITT.....	District of Columbia
*EDWIN KING MORGAN.....	District of Columbia
A.B. 1921, University of Maryland	
ESTHER ALSYLVIA NATHANSON.....	District of Columbia
(With distinction)	
A.B. 1922, George Washington University	
MARGARET MARY NICHOLSON.....	Virginia
A.B. 1922, George Washington University	
AARON NIMETZ.....	District of Columbia
A.B. 1922, George Washington University	
BERNARD NOTES.....	District of Columbia
LUIS ANTONIO PASSALACQUA.....	Porto Rico
A.B. 1922, George Washington University	
JOSEPH HENRY PAVLINAC.....	California
B.S. 1921, Notre Dame	
HAROLD ALLEN PINKERTON.....	Wisconsin
B.S. 1923, University of Wisconsin	
STANLEY PAUL PORTON.....	District of Columbia
*HAROLD WALTER POTTER.....	District of Columbia
*MAURICE PROTAS.....	District of Columbia
A.B. 1921, George Washington University	
*HARTZELL HARRISON RAY.....	Kansas
A.B. 1924, George Washington University	
*HAROLD ELLIS RHAME.....	New York
*ANTHONY PETER RUBINO.....	New York

*W. LEWIS SCHAFER, JR.....	Virginia
*ANTHONY B. SCHILLING.....	New Jersey
*CLINTON WOLFE STALLARD.....	Virginia
KATHARINE GODFREY SYMMONDS.....	District of Columbia
A.B. 1921, George Washington University	
*WILLIAM RAYMOND THOMAS.....	District of Columbia
*LAUREANO TRELLES.....	Porto Rico

Nurses' Diplomas

DOROTHY MELVILLE ALLEN.....	California
EDITH MAE BILLHEIMER.....	Virginia
EMMA RUTH CAMPBELL.....	North Carolina
MYRTLE LEE CONRAD.....	Kentucky
LOLA PEARL FEARNOW.....	West Virginia
SALLIE VIRGINIA HOUGH.....	West Virginia
GRACE LOUISE KING.....	Maryland
MARY LOUISE LEADER.....	Pennsylvania
MAE GWENDOLYN OWENS.....	Pennsylvania
MARGARET PAULINE RICAMORE.....	West Virginia
MARGARET ELIZABETH STOREY.....	Georgia
FLORENCE WINIFRED WILLIAMS.....	Maryland

Bachelor of Science in Pharmacy

FUAD ABDUL GHANI.....	Egypt
HENRY DANIEL TREIGER.....	Russia
MILTON FREDERICK WARREN.....	Pennsylvania

Bachelor of Laws

HARTFORD ALLEN.....	Ohio
EUGENE ERNEST ANGEVINE.....	Montana
Ph.C. 1917, University of Montana	
CRAIG STARBUCK ATKINS.....	District of Columbia
A.B. 1923, George Washington University	
LEWIS HORATIO BARNES.....	Texas
HARRISON J. BARRETT.....	Massachusetts, as of 1893
W. CARTER BAUM.....	District of Columbia
WADE MONTAGUE BECKER.....	Pennsylvania
RUSSELL BERNARD BENSON.....	Maryland
MAXWELL ELLIOTT BLINDER.....	New York
A.B. 1924, University of Missouri	
ALFRED WALTER BOOTH.....	District of Columbia
C.E. 1911, Princeton University	
JAMES HARFIELD BOWEN.....	District of Columbia
JOSEPH RAPHAEL BOWLING.....	Louisiana
B.E. Tulane University	
ROGER TALBOT BOYDEN.....	Massachusetts
B.S. in C.E. 1921, George Washington University	
JOHN LEO BRADFORD.....	Missouri
A.B. 1916, Park College	
FONTAINE COSBY BRADLEY.....	District of Columbia
(With distinction)	

*(These members of the graduating class have received commissions as First Lieutenant, Medical Reserve Corps, United States Army.)

SAMUEL HEAVRIN BREIDENBACH.....	Virginia
LOUISE NICOL BRIDGMAN.....	Indiana
A.B. 1913, University of Indiana	
EDWIN BROOKER.....	District of Columbia
CHARLES MILBORNE BROSS, JR.....	Michigan
GRANVILLE MARTIN BRUMBAUGH.....	District of Columbia
E.E. 1922, Lehigh University	
DOUGLAS RILEY BUCHANAN.....	Massachusetts
B.S. in M.E. 1920, Massachusetts Institute of Technology	
ROBERT WILLIAM BUCKNER.....	Kansas
A.B. 1917, Fairmount College	
GENEVIEVE JEMAIL CAMP.....	District of Columbia
A.B. 1924, George Washington University	
IRVIN WATSON CARPENTER.....	District of Columbia
ROBERT WILLIAM COLFLESH.....	Iowa
A.B. 1922, George Washington University	
MARY GERTRUDE CONNOR.....	Maine
A.B. 1922, New York University	
MARIA MONTEJO DAVIDSON.....	District of Columbia
FACIUS WESLEY DAVIS.....	District of Columbia
NORMAN ALFRED DEVENY.....	Pennsylvania
B.C.S. 1920, Washington School of Accountancy	
LYMAN HASKELL DISHMON.....	Tennessee
B.C.S. 1922, Washington School of Accountancy	
DOROTHY JAMES DUNN.....	New York
CLIFFORD CONKLING EDWARDS.....	New York
A.B. 1916, Cornell University	
RUDOLPH JOHN EISINGER.....	District of Columbia
WILLIS H. A. FAHEY.....	West Virginia
PAUL D. FLEHR.....	Ohio
B.M.E. 1921, Ohio State University	
LOUIS DUBOIS FLETCHER, JR.....	New York
E.E. 1922 Rensselaer Polytechnic Institute	
ELBERT EDWARD FOSTER.....	South Carolina
B.S. 1922, The Citadel	
ISAAC W. FRIEDMAN.....	District of Columbia
ROBERT MELLNOTTE FURNISS.....	Michigan
WILBER BARRON GLOVER.....	District of Columbia
ROBERT SIRKOSKY GORDON.....	Oklahoma
(With distinction)	
A.B. and B.S. in Chem. Eng. 1920, University of Oklahoma	
ROSE SUSAN GUINN.....	Minnesota
A.B. 1913, University of Minnesota	
WILLIAM I. HAGEN.....	North Dakota
ELWOOD HANSMANN.....	District of Columbia
B.S. in M.E. 1922, Pennsylvania State College	
RAYMOND BARTON HARDING.....	District of Columbia
B.S. in E.E. 1920, George Washington University	
FIELD HARRIS.....	Kentucky
Graduate, U. S. Naval Academy, 1917	
LESLIE PETER HARVEY.....	Pennsylvania
JOSIE ALLEN HATCH.....	Texas
A.B. 1917, University of Texas	
EVERETT WHITEMORE HELD.....	District of Columbia

ROBERT HENDERSON.....	District of Columbia
Graduate, U. S. Naval Academy	
FRANCISCO JOSE HERNANDEZ SEJO.....	Porto Rico
ARTHUR JONATHAN HILLAND.....	Iowa
GEORGE TURNER HOWARD.....	Georgia
(With distinction)	
Graduate, U. S. Naval Academy, 1917	
LEROY MARTIN HULL.....	Kansas
PAUL BENWOOD HUNTER.....	Virginia
B.S. 1921, Massachusetts Institute of Technology	
JAMES FAY HURD.....	Ohio
CLINTON SEARL JAMES.....	Maryland
WILLIAM JOSEPH KALNOSKI.....	Pennsylvania
FRANK STANLEY KINER.....	Pennsylvania
HAROLD HARRY LAVINE.....	District of Columbia
ISIDOR M. LAVINE.....	Virginia
MOSES AARON LESSER.....	Massachusetts
JOHN HENRY LITZELMAN.....	Pennsylvania
MAX COLMAN LOUIS.....	District of Columbia
FRANK LOPEL LOWE.....	District of Columbia
(With distinction)	
Graduate, U. S. Naval Academy, 1914	
DENNIS ARTHUR LYONS.....	South Dakota
A.B. 1923, University of South Dakota	
VERONICA MARIE MARTIN.....	New York
DAVID TERREL MATTHEWS.....	Ohio
ISRAEL JAY MENDELSON.....	District of Columbia
HERBERT HENRY MITCHELL.....	New Jersey
DOROTHY ASHEY MONCURE.....	Virginia
B.S. 1911, Richmond College	
RICHARD CASSIUS LEE MONCURE.....	Virginia
TIMOTHY CALDWELL MOONEY.....	Massachusetts
MARGUERITE CATHARINE MOORE.....	New York
AUGUST H. MORAN.....	District of Columbia
(With distinction)	
CATHERINE ELEANORE McCLOSKEY.....	District of Columbia
ROBERT BRUCE NATHAN.....	Alabama
A.B. 1921, University of Arkansas	
WILLIAM NEACEY.....	District of Columbia
HELEN NEWMAN.....	District of Columbia
(With distinction)	
ARTHUR GREEN NICHOLS, JR.....	District of Columbia
PAUL MILTON NIEBELL.....	Pennsylvania
WILLIAM JOSIAH NUNNALLY, JR.....	Georgia
Graduate, U. S. Naval Academy, 1915	
ERNEST HOAGLAND OLIVER.....	Utah
(With distinction)	
CLAYTON LINCOLN ORN.....	Texas
SAMUEL OSTROLENK.....	New York
E.E. 1921, Lehigh University	
ROBERT WILLIAM PARNABY.....	Massachusetts
FREDERICK LEON PEARCE.....	Maryland
(With distinction)	
B.S. 1915, and M.C.S. 1916, Dartmouth College	

EDWARD LINDSAY PETERSON.....	South Dakota
EMMETT JAMES PETERSON.....	California
A.B. 1921, and A.M. 1922, George Washington University.....	District of Columbia
CHARLES EMORY PHILLIPS.....	Virginia
OSCAR BLOUNT RALLS.....	New York
GRACE ELIZABETH REARDON.....	
Ph.B. 1908, Syracuse University.....	Arkansas
WILLIAM EMMET REESE.....	Iowa
RICHARD ROSSMAN.....	
A.B. 1907, Cornell University.....	Ohio
ROBERT SANDERSON ROUSH.....	Massachusetts
MYER JACOB RUBIN.....	Indiana
BENJAMIN H. SAUNDERS.....	
A.B. 1924, George Washington University.....	Iowa
RAYMOND WALTER SCHARFENBERG.....	Pennsylvania
MAURICE PAINTER SHANER.....	Washington
CHARLES SHEPARD, II.....	
C.E. 1922, Rensselaer Polytechnic Institute.....	Wisconsin
SAMUEL SIGMAN.....	Mississippi
WILLIAM VAN AMBERG SIMMONS.....	Mississippi
DALLAS AUBREY SIMS.....	District of Columbia
FREDERICK KNIGHT SLANKER.....	
A.B. 1921, University of Maryland.....	Illinois
HASSEL BLISS SMITH.....	Ohio
KENNETH GINN SMITH.....	
B.S. 1922, Ohio State University.....	California
MILTON ALEXANDER SODERBERG.....	
B.S. 1917, University of California.....	New York
JOHN PETER SORENSON.....	Utah
ROBERT MURRAY STEWART.....	District of Columbia
HARRY STICKNEY.....	Utah
JOHN C. STIRAT.....	District of Columbia
FLORENCE ENGLISH STONEBRAKER.....	District of Columbia
DONALD SUTHERLAND STORMONT.....	Tennessee
LOUIS DAVID TANENBAUM.....	Pennsylvania
LEIGHTON CROFT TAYLOR.....	Kentucky
OLIVER RANDOLPH TAYLOR.....	North Carolina
FRANK THOMPSON.....	
B.S. 1921, University of North Carolina.....	District of Columbia
RAPHAEL TOUOVER.....	
B.Sc. in Eng., 1920, University of London.....	Utah
STANLEY JAMES TRACY.....	Pennsylvania
ROLLIN HOWARD TRANSUE.....	South Dakota
GERALD LEE TRENHOLM.....	District of Columbia
EDWARD SCOTT TYLOR.....	Philippine Islands
JUAN VENTENILLA.....	
B.F.S. 1924, Georgetown University.....	District of Columbia
MARIO VENTURA.....	Utah
REED EARNEST VETTERLI.....	Virginia
CLARENCE MELVILLE WALKER.....	Pennsylvania
WILLIAM FREDERICK WEIGESTER.....	
B.S. 1918, Pennsylvania State College.....	Ohio
IDA GORDON WILLIAMS.....	Tennessee
THERON DEWITT WILSON.....	

GEORGE MILTON WOLCOTT.....	Wisconsin
WILLIAM NICHOLAS WOOD.....	Virginia
A.B. 1914, Princeton University	
LUCILLE MARIE WUNDERLICH.....	Kentucky

Master of Laws

ROBERT DOUGLAS ARMSTRONG.....	Indiana
A.B. 1915, Indiana University	
A.M. 1917, University of Wisconsin	
LL.B. 1924, George Washington University	
EDWIN SUMNER BETTELHEIM, JR.....	New York
LL.B. 1924, George Washington University	
EDWARD ARTHUR BOSARGE.....	Alabama
LL.B. 1924, Vanderbilt University Law School	
KATHERINE DUCKWALL.....	District of Columbia
LL.B. 1924, George Washington University	
LESTER FRANCIS FERRIS.....	District of Columbia
LL.B., George Washington University	
ARTHUR HERBERT GREENWOOD.....	Indiana
LL.B. 1905, University of Indiana	
JAMES PHILIP HARRINGTON.....	New York
LL.B. 1924, George Washington University	
HUGO AUGUSTUS KEMMAN.....	Iowa
A.B. 1923; LL.B. 1924, George Washington University	
HORACE LUTHER LOHNES.....	Ohio
LL.B. 1924, George Washington University	
ARTHUR LUFKIN MUNDO.....	District of Columbia
LL.B. 1924, George Washington University	
JOHN ELMER MCCLURE.....	West Virginia
LL.B. 1923, George Washington University	
FRED BRYAN PICKETT.....	Indiana
LL.B. 1924, George Washington University	
ANNIE MILES SAULSBURY.....	Delaware
Ph.B. Dickinson College	
LL.B. 1924, George Washington University	
LEE ROSS WILSON.....	Ohio
LL.B., George Washington University	

Master of Patent Law

KARL BARR LUTZ.....	West Virginia
A.B. 1920, Bethany College	
LL.B. 1924, George Washington University	

FALL CONVOCATION, 1925

HONORARY DEGREE

Doctor of Laws

FRANK BRETT NOYES

DEGREES IN COURSE

Master of Arts

CHARLES BARAFF.....	District of Columbia
B.S. 1924, College of the City of New York	
FAY PIERCE BEIJ.....	District of Columbia
A.B. 1917, George Washington University	
ALFRED CHRISTIE, JR.....	Maryland
A.B. 1912, Mercer University	
MARY ALICE CURRY.....	Mississippi
A.B. 1914, Mississippi State College for Women	
RUTH OSGOOD DENNING.....	North Dakota
A.B. 1911, Ripon College	
NATALIE SMITH DIERMIER.....	Mississippi
A.B. 1924, George Washington University	
BERNARD J. MAYO.....	Maine
A.B. 1924, George Washington University	
MINNIE DOUGLAS MURRILL.....	District of Columbia
A.B. 1924, George Washington University	
FLORENCE EMILY NATIONS.....	District of Columbia
A.B. 1923, George Washington University	
ZEULA ZONG SMITH.....	California
A.B. 1923, George Washington University	
DONALD HOWE WARREN.....	District of Columbia
B.S. 1922, Cornell University	

Master of Science in Chemistry

KLARE STEPHENS MARKLEY.....	Maryland
B.S. Ch.E. 1924, George Washington University	
GEORGE LEATHWHITE ROBERTS.....	New Jersey
A.B. 1924, George Washington University	
DAVID FREDERICK RICHARDSON.....	Massachusetts
B.S. in Chem. 1923, Worcester Polytechnic Institute	
JOHN GEORGE WANGLER.....	New York
B.S. in Chem. 1922, Syracuse University	

Bachelor of Arts

JAMES C. BEECH.....	Pennsylvania
CHARLES TRUMP BUCKINGHAM.....	Pennsylvania
WILLIAM DAVID CHASE.....	District of Columbia
LOIS DALE.....	Arkansas
ELIZABETH FRANCES DONOVAN.....	Indiana
HUGH EDGAR FELPS.....	Tennessee
JAMES FRED FURBERSHAW.....	District of Columbia
IRVIN SCHLEY GRESS.....	Pennsylvania
BOYCE TAYLOR GRIFFITH.....	Kentucky
PAUL WILLARD HAMMACK.....	Virginia

CHARLOTTE GITTINGS HARDING.....	Maryland
(With distinction)	
BLANCHE LUDLOW HUDSON.....	District of Columbia
FRANK ORRIN KLAPP.....	Ohio
RICHARD JAMES LANG.....	New York
JOSEPH LAMAR LECHLIDER.....	Ohio
ELLA C. LINEHAN.....	Massachusetts
WILLIAM THOMAS McCLOSKEY.....	Virginia
HAROLD DOSHER MCCOY.....	Wisconsin
JESSE KIRK MEARS.....	Michigan
MORROW HARRIS MOORE.....	Massachusetts
MARY KING OBER.....	District of Columbia
JOHN BERNARD POTTS.....	Virginia
LUCY VIRGINIUS REARDON.....	Virginia
MARIO VICTOR SCANDIFFIO.....	New York
JEROME FRANCIS SKEHAN.....	Pennsylvania
DOROTHY PRISCILLA SOETH.....	Iowa
CLYDE ANDERSON TOLSON.....	Iowa
HERMAN MONROE WILSON.....	Maryland
MEADOR WRIGHT.....	Virginia

Bachelor of Science in Medicine

HARRY ARNOLD HULL McNITT.....	District of Columbia
M.D. 1925, George Washington University	
HENRY JOHN RUSSELL McNITT.....	District of Columbia
M.D. 1925, George Washington University	

Bachelor of Science in Chemistry

MELECIO GALARPE ACANTILADO.....	Philippine Islands
OTTO MOELLER.....	New York
WALTER ROSETT.....	District of Columbia

Bachelor of Science in Chemical Engineering

WILLIAM PHILIP EPPERSON.....	Missouri
(With distinction)	

Bachelor of Science in Civil Engineering

MARCEL JULIEN BUSSARD.....	District of Columbia
THOMAS AMBROSE HAFFORD.....	New York

Bachelor of Science in Electrical Engineering

JOSEPH REGINALD BOYD.....	District of Columbia
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Bachelor of Arts and Bachelor's Diploma in Education

JENNIE VALENTINE HAYES.....	Pennsylvania
LUCY KNIGHT HEYL.....	District of Columbia
MATTHEW JAMES HOUSE.....	Texas
SELMA KAUSE.....	District of Columbia
MARY BELL NICOL.....	Maryland
ELIZABETH BALDWIN POWERS.....	New York
MATTHEW F. REILLY.....	Pennsylvania
EARL JAMES SOELBERG.....	Idaho
MARIE AGNES TURNER.....	District of Columbia
HERMAN L. VOLKER.....	District of Columbia
ROSA WINGATE.....	District of Columbia

Doctor of Medicine

LLOYD LORENZO CULLIMORE.....	Utah
B.S. 1922, University of Utah	
SAMUEL HAROLD SHERMAN.....	New York

Bachelor of Laws

IRENE CLARA AITKENS.....	Louisiana
GUSTAVUS O'RELL BASHAM.....	Kentucky
JOHN ALFRED BRESNAHAN.....	District of Columbia
ROBERT MANYDIER BRUCE.....	California
B.S., California Institute of Technology	
HAROLD PARKER CURTIS.....	Minnesota
JOHN MCPHERSON VINCENT DIGGINS.....	Pennsylvania
WALTER ALBERT FALK.....	Iowa
JOSEPH ALBERT GILL, JR.....	Oklahoma
JACK BOGGS GLASNER.....	Pennsylvania
JAMES OWEN HUBBARD.....	North Carolina
JAY C. HUFFMAN.....	Oklahoma
A.B. 1924, Oklahoma University	
BERNARD ALOIZY KOSICKI.....	Connecticut
A.B. and A.M., Wesleyan University	
WILLIAM FOWLER LITTLEJOHN.....	Vermont
Ph.B. 1915, Brown University	
DAVID MAGEE.....	Colorado
WALTER WILLIAM MAHON.....	South Dakota
REGINALD B. MUNSON.....	District of Columbia
CALVIN BRUCE MCRAE.....	Ohio
HENNING RICHARD NELSON.....	Illinois
RICHARD ELWELL ONIONS.....	California
A.B. 1924, University of California	
WILLIAM RAPLEY OWINGS.....	Georgia
MARY ELLEN FRANCES POWERS.....	Massachusetts
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EDWARD JOSEPH SHOENHOFER.....	Kansas
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LLEWELLYN O. THOMAS.....	Utah
KENNETH THOMAS WRIGHT.....	Illinois

Master of Laws

FRANCIS M. BIRD.....	Georgia
A.B. and LL.B., University of Georgia	
GRANVILLE SPAULDING BORDEN.....	Pennsylvania
B.S., University of California	
LL.B. 1924, George Washington University	
RALPH COCHRAN HALE.....	Tennessee
LL.B. 1924, George Washington University	
BLAKE EDWIN NICHOLSON.....	West Virginia
LL.B. 1923, George Washington University	

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Doctor of Philosophy

PATERNO SANTOS.....	Philippine Islands
A.B. 1919, University of the Philippines	
Ph.B. 1921, University of the Philippines	
A.M. 1922, University of the Philippines	
A.M. 1925, George Washington University	
HAROLD THORNTON STEARNS.....	Connecticut
B.S. 1921, Wesleyan University	

Master of Arts

HARRY BAKER, JR.....	Illinois
A.B. 1924, George Washington University	
MARY ALICE BRADLEY.....	Indiana
A.B. 1918, Franklin College	
ROBBIE BERKELEY BURNET.....	District of Columbia
A.B. 1924, George Washington University	
ELIZABETH FRANCES DONOVAN.....	Indiana
A.B. 1924, Indiana State Normal	
A.B. 1925, George Washington University	
FRANCES STEELE HAY.....	District of Columbia
Ph.B., University of Chicago	
ERWIN ROBERT POHL.....	New York
A.B. 1925, George Washington University	
NELL BOYD TAYLOR.....	District of Columbia
A.B. 1922, George Washington University	
FUCHAO KUANG WONG.....	China
B.S. 1925, Norwich University	

Master of Science in Chemistry

ABRAHAM S. GREENBERG.....	New York
B.S. 1923, College of the City of New York	
HARRY W. RABINOWITZ.....	Connecticut
B.S. 1923, Yale University	

Bachelor of Arts

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(With distinction)	
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KENNETH HENTHORNE BRUNER.....	Indiana
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AGNES IRENE LEE.....	District of Columbia
MARCELLA AUGUSTA MCCORMICK.....	Indiana
VINCENT PAUL McDONNELL.....	New York
GEORGE MURRAY MANDELBAUM.....	New York

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MARTHA NOYES	Pennsylvania
ALLAN WICKLIFFE OERTLY	District of Columbia
PHRA SANDHI	Siam
WYATT WARREN STOUT	Kansas
CLARENCE LOUGHLIN STRETCH	Connecticut
DOROTHY WARREN	District of Columbia
CARRIE AURELIA WILLIAMS	District of Columbia

Bachelor of Science in Civil Engineering

DONALD OLIVER WOOLF	District of Columbia
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Bachelor of Science in Mechanical Engineering

ROLAND S. KELLEY	Ohio
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Bachelor of Arts and Bachelor's Diploma in Education

RUTH BOCK	District of Columbia
MARGARET GESSFORD	District of Columbia
(With distinction)	
AGNES HARRIET GUYTON	Ohio
VIRGINIA KIRBY	District of Columbia
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LOUISE M. MOORE	District of Columbia
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MARGARET JEAN O'CONNELL	Wisconsin
MARY MILLER SNEAD	District of Columbia
BERTHA ELMORE TAYLOR	District of Columbia
VIRGINIA WOODIN	Virginia

Doctor of Medicine

ESMOND ENSLEY COUNCIL	North Carolina
B.S. in Medicine 1924, Wake Forest College	
CLARENCE LOUGHLIN STRETCH	Connecticut
A.B. 1926, George Washington University	

Bachelor of Laws

THOMAS EMMERT BEALL	District of Columbia
JAMES VAN BENSCHOTEN BENNETT	Rhode Island
A.B. 1918, Brown University	
STANLEY CROOK BRANDENBURG	Colorado
FRANCIS WILLIS BROWN	District of Columbia
A.B. 1924, George Washington University	
ROI THOMAS DARBY	Iowa
A.B. 1923, George Washington University	
JOHN DONALD DEFEO	Connecticut
FRANK DE NUNZIO	District of Columbia
ALLEN WELSH DULLES	New York
A.B. 1914, Princeton University	
A.M. 1916, Princeton University	
JOSEPH BAER GILBERT	Pennsylvania
WILLARD LANNING HART	District of Columbia
B.S. 1919, Clemson Agricultural College	
HARRY HERBERT LEVIN	Pennsylvania
B.S. in Ch. Eng., University of Pennsylvania	

SAMUEL LEVIN.....	Maryland
B.S. in Chem. 1920, Carnegie Institute of Technology	
BERTRAM MAURICE LUCHS.....	District of Columbia
EUGENE P. McCORKEN.....	New York
E.M. 1910, Columbia University	
LOUIN EVERETT McELROY.....	Arkansas
CARL D. McMANAMY.....	Michigan
B.S. in M.E. 1923, George Washington University	
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A.B. 1912, Harvard College	
HARRY PRICE.....	Pennsylvania
B.S. in Ch.E. 1923, University of Pennsylvania	
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CHARLES WEYMAN RIVISE.....	Pennsylvania
B.S. in Ch.E. 1922, University of Pennsylvania	
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THOMAS LAWSON SCHROYER.....	Maryland
SAMUEL SPINTMAN.....	Maryland
B.E. 1922, Johns Hopkins University	
ORLO FOSTER STEARNS.....	Maryland
LISLE THOMAS.....	Michigan
A.B. 1917, George Washington University	
GEORGE FREDERICK UNMACHT.....	Illinois
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Master of Laws

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LL.B. 1923, George Washington University	

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BARR, K. M. (181)	Gallinger Memorial Hospital
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BERNTON, H. S. (178)	2013 O St.
BIBB, A. B. (13)	1730 H St.
BIRNIE, D. P. (5)	1711 19th St.
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BOWMAN (MARY QUICK), MRS. P. W. (16)	4520 14th St.
BRANDENBURG, E. C. (239)	1824 Calvert St.
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BRILMYER, G. J. (175)	601 Jefferson St.
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BROOCKS, E. B. (182)	1870 Wyoming Ave.
BROSS, H. P. (16)	1826 Calvert St.
BROWN, T. B. (14)	10 Mason St., Cherrydale, Va.
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BUTLER, W. K. (170)	1207 M St.
BYERS, J. D. (183)	1339 H St.
CAJIGAS, T. (171)	1834 16th St.

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CAMPBELL, E. M. (181)	3109 16th St.
CARROLL, MRS. M. (15)	2320 20th St.
CASTELL, L. B. (181)	1801 Eye St.
CHACE, D. C. (15)	6 W. Virgilia St., Chevy Chase, Md.
CHACE, MRS. D. C. (16)	6 W. Virgilia St., Chevy Chase, Md.
CHAPMAN, C. M. (219)	2124 P St.
CHENEY, W. L. (14)	3637 McKinley St.
CHIPMAN, C. N. (177)	1420 Rhode Island Ave.
CHOISSER, R. M. (180)	1335 H St.
CHRISTIE, A. C. (171)	1909 Massachusetts Ave.
CHURCHILL, G. M. (14)	505 River Rd., Bethesda, Md.
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CLAUD, H. L. (181)	2701 Connecticut Ave.
CLAYTOR, T. A. (175)	1826 R St.
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COHEN, L. (13)	3100 Connecticut Ave.
COLE, H. E. (181)	639 E. Capitol St.
COLLIER, C. S. (239)	1631 S St.
CONKLIN, C. B. (173)	1801 Eye St.
CORBETT, S. M. (172)	Arlington, Va.
CORLISS, J. C. (16)	2331 Cathedral Ave.
COURTNEY, F. X. (180)	1335 H St.
CRANDALL, N. I. (14)	2301 Connecticut Ave.
CROISSANT, D. C. (13)	1717 Que St.
CRUM, H. W. (16)	3028 Porter St.
CULLIMORE, L. L. (180)	1309 Rhode Island Ave.
CULLOM, E. (15)	1717 Riggs Pl.
CULVER, C. W. (177)	1425 Columbia Rd.
DABNEY, V. (173)	1633 Connecticut Ave.
DAVIES, H. F. (181)	Chateau Thierry Apts.
DAVIS, H. C. (5)	The Portner
DAVIS, H. J. (182)	1716 Que St.
DAVIS, M. D. (15)	U. S. Bureau of Education
DAVIS, W. T. (171)	927 Farragut Sq.
DEAN, B. F. (180)	916 Massachusetts Ave.
DEFANDORF, J. H. (174)	2922 Porter St.
DEIBERT, A. T. (15)	2009 Belmont Rd.
DEMAS, C. (180)	1301 Massachusetts Ave.
DENTON, MINNA C. (14)	1857 Lamont St.
DE SAUSSURE, R. L. (180)	1632 S St.
DICKINSON, ALICE (185)	1335 H St.
DINWIDDIE, EMILY W. (15)	3027 Que St.
DONALDSON, JOHN (14)	2310 Ashmead Pl.
DONNALLY, H. H. (172)	1612 Eye St.
DOYLE, A. M. (16)	3725 Jocelyn St.
DOYLE, H. G. (14)	5416 33rd St.
DUTTON, H. H. (17)	1721 Kilbourne Pl.
EARLEY, J. H. (181)	2210 Nichols Ave. S. E.
EARNEST, J. P. (239)	3718 Huntington St.
EARNEST, J. P., JR. (180)	1606 20th St.
EASTERDAY, H. C. (225)	3214 Macomb St.

ECKMAN, J. R. (15)	325 Maryland Ave. N. E.
EDGERTON, H. W. (239)	3611 Norton Pl.
EDSON, J. J. (5)	915 F St.
EHRMAN, H. A. (16)	4510 Walsh St., Chevy Chase, Md.
EICHLIN, C. G. (16)	1129 New Hampshire Ave.
ELDRIDGE, W. W. (178)	St. Elizabeths Hospital
ELLISON, E. M. (178)	1720 M St.
ERWIN, J. T. (13)	1824 G St.
EVANS, A. E. (239)	2518 17th St.
EVANS, Mrs. J. (5)	1818 Lamont St.
EWELL, AGNES C. (17)	2033 G St.
FADELEY, J. M. (181)	Providence Hospital
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FLEMER, L. (225)	701 Maryland Ave. N. E.
FLYNN, J. A. (181)	1511 Rhode Island Ave.
FOSTER, R. B. (15)	3724 S St.
FOURCHY, R.	Municipal Architect's Office
FOWLE, F. E. (15)	2919 Que St.
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FRENCH, L. H. (174)	1339 H St.
FRENCH, O. B. (14)	3420 36th St.
FRIEDENBERG, H. (181)	Emergency Hospital
FRYER, W. T.	701 Maryland Trust Bldg., Baltimore, Md.
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GEIER, F. A. J. (181)	Emergency Hospital
GLENN, J. B. (180)	2015 Que St.
GLOVER, C. C., JR. (5)	737 15th St.
GOODMAN, W. D. (181)	Emergency Hospital
GOODWIN, E. H. (5)	U. S. Chamber of Commerce
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GRAYSON, S. M. (180)	1631 S St.
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GROOVER, T. A. (174)	1603 16th St.
GROPP, P. E. (16)	The John Marshall
GROSVENOR, G. (5)	National Geographic Society
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HARPER, J. (180)	1335 H St.
HARRIMAN, E. A. (239)	1302 18th St.
HARRIS, A. L. (13)	728 17th St.
HARRIS, J. (180)	1339 H St.
HATFIELD, D. S. (180)	5517 Connecticut Ave.
HAWS, R. J. (182)	2604 Connecticut Ave.

HAZLETON, W. B. (16)	714 N. Carolina Ave. S. E.
HENDERSON, E. P. (16)	U. S. Geological Survey
HENNING, C. (176)	1610 Eye St.
HENNING, G. N. (13)	3720 McKinley St.
HERBERT, CLARA W. (16)	3707 35th St.
HERTLE, L. (5)	Gunston Hall, Lorton, Va.
HERZCHMANN, M. J. (181)	Burlington Hotel
HERZMARK, M. H. (180)	2927 Tilden St.
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HILL, E. A. (14)	2246 Cathedral Ave.
HITCHCOCK, F. A. (14)	5205 Wisconsin Ave.
HODGKINS, B. D. (181)	2932 14th St.
HODGKINS, H. G. (14)	1746 K St.
HODGKINS, H. L. (13)	1821 Kalorama Rd.
HOLMES, C. W. (8)	2033 G St.
HOPKINS, V. L. (16)	George Washington Univer- sity
HORNADAY, F. A. (177)	3509 14th St.
HOUGHTON, J. E. (14, 173)	1801 Eye St.
HUMPHREYS, W. J. (13)	Cecil Apartments
HUNT, F. L. (15)	Bureau of Standards
HUNT, THELMA (17)	Berwyn, Md.
HUNTER, O. B. (14, 171)	31 East Oxford St., Chevy Chase, Md.
HYDE, B. E. (17)	2033 G St.
HYDE, C. W. (177)	The Parkwood
IRISH, O. J. (174)	906 Emerson St.
JACKSON, V. B. (181)	1801 K St.
JEFFRIES, J. A. (181)	Emergency Hospital
JENKINS, G. B. (171)	3623 T St.
JENKINS, W. H. (179)	1738 M St.
JOHANNESSEN, W. (184)	The Farragut
JOHNSON, A. F. (14)	1511 22nd St.
JONES, C. K. (14)	214 13th St. N. E.
JONES, H. A. (17)	16 Balston Rd., Cherrydale, Va.
KAIN, H. G. (180)	58 T St.
KALUSOWSKI, H. E. (225)	803 H St.
KANE, H. F. (174)	The Ontario
KAYSER, E. L. (14)	2031 F St.
KEMBLE, A. (179)	The Cecil
KERN, R. R. (13)	The Iowa
KERR, H. H. (172)	1744 N St.
KIESS, C. C. (15)	2033 G St.
KINCANNON, L. J. (8)	The Pentilly
KING, W. B. (5)	1822 Wyoming Ave.
KING, W. B. (175)	Virginia Highlands, Va.
KITTREDGE, H. E. (181)	Emergency Hospital
KLINE, G. M. (17)	5622 9th St.
KNIGHT, N. L. (17)	3216 Walnut St. N. E.
KNOTT, C. O. (180)	1006 Eye St. S. E.
KOTZ, J. (181)	2824 Connecticut Ave.
KRAMER, C. F., JR. (16)	3012 Guilford Ave., Balti- more, Md.

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LARNER, J. B. (5)	Wash. Loan & Trust Co.
LA SALLE, J. E. (15)	2901 Connecticut Ave.
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LAWSON, H. W. (171)	1717 N St.
LEADBETTER, G. W. (180)	The Farragut
LEE, T. S. (176)	2109 O St.
LEECH, F. (176)	1359 Columbia Rd.
LEWIS, E. (182)	Children's Hospital
LEWIS, H. S. (179)	2801 Connecticut Ave.
LEWIS, N. D. C. (14, 176)	St. Elizabeths Hospital
LEWIS, W. M. (13)	3021 N St.
LIND, J. E. (179)	St. Elizabeths Hospital
LIND, S. C. (15)	3811 Benton St.
LISNER, ABRAM (5)	1723 Massachusetts Ave.
LUNDBERG, E. O. (15)	2311 Connecticut Ave.
LUNDIN, E. (219)	1339 H St.
LYONS, J. H. (181)	1035 Newton St., Brookland, D. C.
MCARTHUR, L. E. (14)	610 Lamont St.
McCLOSKEY, W. T. (16)	Beaumont, Alexandria, Va.
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MANN, C. R. (5)	26 Jackson Pl.
MANN, J. T. (180)	906 Massachusetts Ave. N. E.
MARBURY, W. B. (177)	1403 21st St.
MARTIN, T. C. (171)	1107 16th St.
MARTYN, H. E. (180)	1335 H St.
MASON, J. P. (16)	3224 13th St.
MASON, J. R. (16)	2023 G St.
MASON, L. M. (180)	815 Connecticut Ave.
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MICHELSON, T. (13)	1334 19th St.
MIDDLETON, W. (15)	East Falls Church, Va.
MILLER, C. A. (239)	2531 Que St.
MILLER, G. B. (175)	1730 K St.
MINOR, J.	1629 21st St.
MITCHELL, J. F. (176)	1344 19th St.
MOLL, W. L. (239)	1705 Lanier Pl.
MOODY, TERRELL (181)	Providence Hospital
MOORE, WM. C.	1824 Massachusetts Ave.
MORAN, R. E. (181)	1532 16th St.
MORRISON, R. L. (184)	The Rochambeau

MOSS, F. A. (14)	209 Virginia Ave., Clarendon, Va.
MUNROE, C. E. (13)	1210 16th St.
MYERS, W. C. (16)	McKinley High School
NEWHOUSE, B. (181)	1136 6th St.
NEWMAN, H. C. (239)	705 Plaza Apts.
NORDLINGER, G. (180)	3113 N St.
NOYES, T. W. (5)	The Evening Star
O'CONNELL, F. C. (239)	1108 Allison St.
O'DEA, M. (180)	The Brunswick
O'DONNELL, J. F. (181)	213 11th St. S. W.
O'DONNELL, W. F. (181)	5500 13th St.
O'MALLEY, M. (177)	St. Elizabeths Hospital
OMWAKE, KATHERINE (17)	1854 Ontario Pl.
ONG, H. A. (174)	The Rochambeau
OSBORNE, R. F. (181)	1134 7th St. N. E.
PAGE, M. R. (180)	Connecticut Apt.
PANARETOFF, S. (15)	1910 Kalorama Rd.
PARKER, E. B. (5)	1019 Investment Bldg.
PARKER, E. M.	1726 M St.
PATTON, W. F. (181)	1746 K St.
PAYNE, J. B. (5)	1601 Eye St.
PEABODY, J. W. (179)	4107 14th St.
PENDEXTER, R. S. (178)	The Champlain
PFaff, H. I. (180)	1311 P St.
PHILBRICK, M. H. (219)	1339 H St.
PHILLIPS, F. M. (15)	1433 Shepherd St.
PIGEON, H. A.	220 Star Bldg.
PLATT, J. H. (14)	1342 Jefferson St.
POLLITT, B. H. (239)	124 Garrison Rd., Clarendon, Va.
POWERS, J. O. (15)	822 Emerson St.
PRICE, H.	1315 Rhode Island Ave.
PROTZMAN, M. I. (15)	2033 G St.
PUTZKI, P. S. (181)	911 16th St.
RAGATZ, L. J. (16)	2146 F St.
RANDOLPH, B. M. (172)	2010 R St.
RANDOLPH, J. R. (15)	3210 Newark St.
RECTOR, ANNA (17)	1526 17th St.
REED, J. A. (180)	3100 Connecticut Ave.
RESSER, C. E. (14)	2805 35th St.
REUTER, F. A. (180)	1337 Park Rd.
RICHARDSON, C. W. (170)	1337 Connecticut Ave.
RICHARDSON, E. E. (13)	1001 Alabama Ave. S. E.
RICHMOND, W. V. (15)	1743 Corcoran St.
RIDDICK, A. L. (181)	1200 16th St.
RISK, W. A. (182)	Tuberculosis Hospital
ROE, J. H. (14, 172)	1906 N St.
ROESER, W. F. (16)	2900 Que St.
ROGERS, J. F.	U. S. Bureau of Education
ROLLS, J. A. (181)	1801 Eye St.
ROSE, A. L. (14)	The Pentilly
ROSS, W. W. (239)	1633 29th St.
ROTH, G. B. (173)	801 Butternut St.
RUEDIGER, W. C. (13)	2836 28th St.

RUFFIN, S. (170)	Connecticut Apts.
SCHAPIRO, ISRAEL (13)	1907 15th St.
SCHATZ, E. (8)	2100 Eye St.
SCHMIDT, A. F. W. (13)	35 Bryant St.
SCHOENFELD, H. H. (181)	Wardman Park Hotel
SCHOFF, E. R. (219)	1335 H St.
SCHREIBER, H. R. (179)	500 H St. N. E.
SCHRIEBER, F. C. (182)	The Montana
SCOTT, IRA D.	1905 Que St.
SEHRT, E. H.	2033 G St.
SEIBERT, E. G. (176)	1801 Eye St.
SHANDS, A. R. (175)	901 16th St.
SHAPIRO, H. D. (180)	3829 14th St.
SHEPARD, E. S. (17)	2033 G St.
SHERIDAN, W. T. (180)	1335 H St.
SHREVE, AURALEE (183)	1339 H St.
SHUGRUE, J. J. (181)	1233 Massachusetts Ave.
SHUTE, D. K. (170)	1727 DeSales St.
SILVESTER, R. L. (179)	1801 Eye St.
SIMPSON, C. A. (173)	1610 20th St.
SMILER, N. N. (181)	1912 16th St.
SMITH, A. L. (16)	Apt. 31, 1855 Calvert St.
SMITH, C. S. (13)	304 Takoma Ave., Takoma Park
SMITH, D. H. (15)	3745 Oliver St.
SNOWDEN, E. (178)	1712 21st St.
SOLNITZKY, O. (16)	109 Thornapple St., Chevy Chase, Md.
SPAULDING, H. G. (239)	1705 Lanier Pl.
SPEIDEL, F. G. (219)	The Rochambeau
STAFFORD, W. P. (239)	1725 Lamont St.
STAVELY, A. L. (175)	1744 M St.
ST. CLAIR, F. A. (181)	1458 Clifton St.
STEIN, J. (180)	1326 8th St.
STEWART, W. (17)	2033 G St.
STOUT, J. D. (173)	3000 Porter St.
SUTTON, H. G. (14)	2803 26th St. N. E.
SUTTON, L. H. (239)	1320 Gallatin St.
SWISHER, C. C. (13)	1810 Kalorama Rd.
TAYLOR, E. A. (182)	1029 Vermont Ave.
TEWKSBURG, W. D. (176)	Medical Science Bldg.
THOMPSON, B. B. (219)	1339 H St.
THOMPSON, J. L. (172)	1735 20th St.
THUNEY, F. E. (183)	1335 H St.
TIBBETS, A. P. (180)	1430 Rhode Island Ave.
TILLEMA, J. A. (15)	1923 N St.
TITUS, E. W. (174)	The Rochambeau
TUCKERMAN, W. R. (5)	Bethesda, Md.
UPDEGRAFF, C. M. (239)	222 Bancroft Pl.
VAN EVERA, B. D. (16)	2119 H St., Apt. 810
VAN ORSTRAND, C. E. (15)	1607 31st St.
VAN VLECK, W. C. (239)	4120 Harrison St.
VAZQUEZ, A. C. (16)	25 Michigan Ave. N. E.
WALLIS, W. J. (16)	1720 Kenyon St.
WARDMAN, H. (5)	1430 K St.

WARNER, O. N. (173)	Providence Hospital
WEEMS, B. F. (179)	1746 K St.
WEISZ, E. (16)	Corcoran School of Art
WEST, W. R. (15)	658 5th St. N. E.
WHITCOMB, E. S. (15)	U. S. Bureau of Education
WHITE, C. S. (173)	1801 Eye St.
WHITE, H. (5)	1624 Crescent Pl.
WHITE, W. A. (171)	St. Elizabeths Hospital
WILBUR, W. A. (13)	1205 Columbia Rd.
WILLIAMS, V. B. (182)	3624 Davis St.
WILLIAMSON, F. Y. (180)	The Rochambeau
WILLIMAN, F. L. (180)	2731 Connecticut Ave.
WOLFE, A. S. (184)	1335 H St.
WOLFORD, M. (180)	1335 H St.
WOOD, J. E. (15)	Fort Humphries, Va.
WOODHULL, C. H. (5)	1767 Massachusetts Ave.
YARROW, H. C. (170)	314 17th St.
YOUNG, F. A. (16)	2033 G St.
YOUNG, W. G. (181)	The Rochambeau

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George Washington University

REPORT OF THE TREASURER

1925-1926



WASHINGTON, D. C.

George Washington University

REPORT OF THE TREASURER
for the year ended August 31, 1926

Report of the Treasurer.

October 14, 1926.

THE BOARD OF TRUSTEES OF GEORGE WASHINGTON UNIVERSITY:

GENTLEMEN: I have the honor to submit herewith a report, certified by F. W. Lafrentz and Company, of New York, Public Accountants, showing in detail the financial operations of the University for the fiscal year ended August 31, 1926, and exhibiting the state of the Trust Funds, as required by the By-Laws of the University.

The Total Net Resources of the University as at August 31, 1926, were \$2,021,654.50, a gain for the year of \$146,143.09, as shown in the following comparative summary of Assets and Liabilities.

COMPARATIVE SUMMARY OF ASSETS AND LIABILITIES, 1924-25 AND 1925-26.

	<i>Assets.</i>				
	<i>1924-25</i>	<i>1925-26</i>	<i>Increase.</i>	<i>Decrease.</i>	<i>Net Increase.</i>
Cash, General Funds	\$22,401.94	\$17,564.61	.....	\$4,837.33	.....
Cash, Endowment					
Income.....	17,757.21	23,694.11	\$5,936.90	.....	.....
Endowment Funds.	829,752.11	855,868.73	71,116.62	.....	.....
Real Estate, exclu-					
sive of Endow-					
ment Funds.....	1,582,481.84	1,640,251.88	57,770.04	.....	.....
Library Books.....	61,137.89	66,072.72	4,934.83	.....	.....
Equipment.....	192,752.38	217,368.61	24,616.23	.....	.....
Perpetual Insurance					
Deposits.....	1,406.25	1,406.25	.....	.....	.....
Accounts Receivable	31,710.46	27,674.60	.....	4,035.86	.....
Prepaid Expenses...	612.25	1,290.48	678.23	.....	.....
	<u>\$2,740,012.33</u>	<u>\$2,851,191.99</u>	<u>\$165,052.85</u>	<u>\$8,873.19</u>	<u>\$156,179.66</u>
	<i>Liabilities.</i>				
	<i>1924-25</i>	<i>1925-26</i>	<i>Increase.</i>	<i>Decrease.</i>	<i>Net Increase.</i>
Notes Payable.....	\$464,183.58	\$471,500.00	\$7,316.42	.....	.....
Liability to Endow-					
ment Funds.....	342,881.55	340,881.55	.....	\$2,000.00	.....
Accrued interest not					
due.....	3,846.60	5,245.93	1,399.33	.....	.....
Prepaid Tuition....	6,845.50	8,913.00	2,067.50	.....	.....
Prepaid Hospital					
Accounts.....		2,787.88	2,787.88	.....	.....
Reserve for prize not					
awarded.....	175.00	209.13	34.13	.....	.....
Refunds due stu-					
dents.....	1,568.69	.....	.....	1,568.69	.....
	<u>\$819,500.92</u>	<u>\$829,537.49</u>	<u>\$13,605.26</u>	<u>\$3,568.69</u>	<u>\$10,036.57</u>
Total Net Re-					
sources.....	\$1,875,511.41	\$2,021,654.50	.....	.....	.....
Increase of Net Re-					
sources.....	.....	.....	.....	.....	\$146,143.09

Trust Funds were increased during the year \$71,116.62 as follows: 1923-24 Campaign Fund, \$29,500.00; Third Columbian Women Scholarship Fund, \$1,000.00; D. C. Chapter Daughters of the American Revolution Loan Fund, \$326.00; College Women's Scholarship Fund, \$500.00; Board of Lady Managers Hospital Fund, \$300.00; Lewis Medical Fund, \$3,004.15; Wilson Prize Fund, \$1,000.00; Sterrett Prize Fund, \$100.00; Denman Law Fund, \$128.29; Jacques Law Fund, \$342.58; Mayer Hospital Fund, \$296.67; Fund to promote International Debating, \$637.84; Lafayette Memorial Fund, \$88.03; Endowment Restoration Fund, \$166.93; Law School Building Fund, \$12.84; General Building Fund, \$30,005.25; Chemistry Building Fund, \$7.84; Unit No. 3 Building Fund, \$7,750.00; Class of 1929 Building Fund, \$30.00; a total of \$75,196.42; from which should be deducted the decrease in Endowments as follows: Reinhardt Hospital Fund, \$21.49; Jacques Medical Fund, \$2,123.76; Reserve for protection of investments, \$15.00; Joerrissen Hospital Fund, \$750.00; Maury Memorial Fund, \$386.13; Stockton Memorial Fund, \$783.42, a total of \$4,079.80.

New Trust Funds included in the preceding paragraph were received during the year amounting to \$10,243.84 as follows: D. C. Chapter Daughters of the American Revolution Loan Fund, \$326.00; College Women's Scholarship Fund, \$500.00; Wilson Prize Fund, \$1,000.00; Unit No. 3 Building Fund, \$7,750.00; Fund to promote International Debating, \$637.84; Class of 1929 Building Fund, \$30.00.

Real Estate used for educational purposes or acquired for future buildings is valued at \$1,640,251.88, an increase of \$57,770.04. The increase is accounted for as follows: Purchase of 2100 G Street at a cost of \$24,990.06; purchase of 2009-2011 G Street at initial cost of \$6,500.00; payment on Corcoran Hall, \$394.32; payment on Stockton Hall, \$25,394.11; payment on Gymnasium, \$491.55; a total of \$57,770.04.

Notes Payable are outstanding against the General Funds amounting to \$471,500.00, secured by real estate notes, as follows:

808 Eye Street.....	\$8,000.00
1016 Thirteenth Street.....	4,500.00
2010-2012 H Street.....	20,000.00
Corcoran Hall.....	250,000.00
2026 H Street.....	6,000.00
2024 H Street.....	8,000.00
Stockton Hall.....	150,000.00
2100 G Street.....	20,000.00
2009-2011 G Street.....	5,000.00

Notes Payable against the Lewis Endowment amount to \$45,000.00. The property bequeathed by Dr. S. E. Lewis is valued at \$148,004.15. To clear the estate of debt and to enable the Executor to transfer the property to the University, the Board authorized the placing of the \$45,000.00 mortgage, leaving a net valuation of \$103,004.15. See "Lewis Medical School Endowment Fund" in Exhibit "O".

Laboratory Equipment and Furniture are valued, after writing off depreciation of \$3,900.82, at \$217,368.61, an increase by purchase of \$24,616.23.

Books in the Libraries are valued, after writing off depreciation of \$740.49, at \$66,072.72, an increase by purchase of \$4,934.83.

Contributions, other than those reported under Trust Fund increases, were received during the year as follows:

From the Students' Council for the Gymnasium, \$1,200.00; Student Activities for the Gymnasium, \$2,000.00; for prizes, \$284.13; Board of Lady Managers for Architecture, \$50.00; for Arts and Sciences Library, \$210.00; a total of \$3,744.13.

REPORT OF THE TREASURER

5

Property Under Lease used for educational purposes:

2022 G Street, N. W., three years from October 1, 1925, at \$1,800.00 per annum.

714 Twentieth Street, N. W., three years from August 1, 1926, at \$1,020.00 per annum.

2016 H Street, N. W., five years from February 1, 1926, at \$600.00 per annum.

Accounts Receivable from students at the close of the fiscal year August 31, 1926, amounted to \$10,999.91. This includes charges against the Veterans' Bureau of \$1,528.03, leaving due by other than government students \$9,471.88, or one and four-tenths per cent of the total charges against students as at August 31, 1926, the lowest percentage of uncollected fees ever reported. Following the form of past years, it is expected that a good part of the amount due will be paid by returning students.

Cash Receipts and Payments are summarized as follows:

Cash in bank September 1, 1925.....	\$23,120.86	
Cash received 1925-1926.....	957,820.56	
		\$980,941.42
Disbursed 1925-1926.....		969,129.17
		<u>\$11,812.25</u>
Cash in bank August 31, 1926.....		

A statement in detail of cash receipts and payments for the fiscal year is shown in Exhibit "N" of this report.

Respectfully submitted,

CHARLES W. HOLMES,
Treasurer.

Certificate of the Auditor

October 7, 1926.

We have examined the accounts and records of the GEORGE WASHINGTON UNIVERSITY for the year ended August 31, 1926.

Our report, including Exhibits, is as follows:

EXHIBIT "A"—Balance Sheet.
 "B"—Surplus.
 "C"—Revenue Account.
 "D"—Department of Arts and Sciences.
 "E"—Department of Arts and Sciences—Summer School.
 "F"—Law School.
 "G"—Law Summer School.
 "H"—Medical School.
 "I"—Medical Summer School.
 "J"—College of Pharmacy.
 "K"—University Hospital.
 "L"—Student Activities.
 "M"—University Cafeteria.
 "N"—Statement of Cash Receipts and Payments.
 "O"—Trust Funds.
 "P"—Endowment Funds Investments.
 "Q"—Executory Trust Funds Investments.
 "R"—Endowment and Executory Trust Funds, Income and Expense.

CASH: \$17,564.61.

We counted the cash on hand September 14, 1926, and reconciled the Cash Account with the bank account as at August 31, 1926.

This amount consists of Fees, etc., due for the term of 1925-1926 from students in various departments, and other Accounts Receivable, as follows:

School of Graduate Studies.....	\$408.50	
Columbian College.....	5,692.02	
College of Engineering.....	2,094.39	
Teachers College.....	237.15	
Summer School.....	213.56	
Total Department of Arts and Sciences.....		\$8,645.62
Law School.....	\$1,025.75	
Law Summer School.....	581.00	
Medical School.....		1,606.75
College of Pharmacy.....		1,163.65
Graduation Fees.....		67.29
Accounts due University Hospital from patients for the year 1925-1926.....		79.00
Student Activities.....		4,573.92
Income from Endowments.....		391.71
Junior Prom.....		10,583.09
Chi Omega Fraternity.....		129.83
		15.00
		\$27,257.86

CERTIFICATE OF THE AUDITOR

7

The balances standing in accounts due at September 1, 1925, remaining unpaid as at August 31, 1926, are considered worthless and were charged to Surplus.

DEPRECIATION:

Depreciation on the Library Books, and Equipment was charged off to the amount of \$4,641.21.

NET INCOME:

The Net Income for the year from all departments including the University Hospital, was \$16,219.62, as shown by Exhibit "C".

SURPLUS: \$1,142,091.66.

The changes in this account since August 31, 1925, are shown by Exhibit "B".

TRUST FUNDS:

We inspected the securities representing the investment of the Endowment and Executory Trust Funds, in stocks, bonds, and notes, as per Exhibit "P" and "Q". The notes are without arrears for interest.

We verified the cash balances as at August 31, 1926, representing uninvested principal \$45,675.21, and unexpended income \$23,694.11, of the Endowment and Executory Trust Funds with the bank accounts.

Respectfully submitted,

F. W. LAFRENTZ & Co.,
Certified Public Accountants.
(Formerly The American Audit Co.)

GENERAL ACCOUNTS

EXHIBIT "A."—BALANCE SHEET.
As at August 31, 1926.

Assets.		Liabilities.	
Cash:		Trust Notes.....	\$466,500.00
In Bank.....	\$14,814.61	Trustees Loan Account.....	5,000.00
Petty Cash Funds.....	2,750.00	Accounts Payable:	
		Interest Accrued.....	\$5,245.93
Accounts Receivable:		Eno Prize.....	\$175.00
Students Ledger, 1925-1926.....	10,999.91	Colonial Dames.....	34.13
Hospital Accounts, 1925-1926.....	4,573.92		209.13
Nurse Tuition.....	784.40	Fees Paid in Advance.....	
Endowment Income Receivable.....	10,585.09	Hospital Accounts Paid in Advance.....	
Junior Prom.....	129.83	Liability to Endowment Funds:	
Student Activities.....	169.71	Principal—	
Chi Omega Fraternity.....	15.00	Secured by Deed of Trust,	
		dated Dec. 1, 1910, on	
Inventory—Cafeteria (Food Sup-		Medical and Hospital Lands	
plies).....	27,257.86	and Buildings, 1335-1339	
Insurance—Withdrawal Value of		and 1341 H Street, N. W.....	321,430.23
Perpetual Insurance Policies.....	416.74	Property:	
Libraries—Books:		To Denman Fund—Principal...	7,179.32
Arts and Sciences.....	38,118.70	To Specific Endow-	
Law School.....	28,883.92	ment Funds In-	
Medical School.....	7,048.39	come, which was	
		applied to current	
Less: Depreciation.....	66,072.72	expenses prior to	
		August 31, 1910..	\$14,272.00
Equipment:		Less: Payments in	
Administration.....	10,684.08	current year...	12,272.00
Arts and Sciences.....	119,979.55		
Law School.....	6,877.57	Surplus, Exhibit "B"	19,451.32
Medical School.....	57,495.13		1,142,091.66
University Cafeteria.....	6,757.40		
University Hospital.....	42,110.10		
	243,903.83		
Less: Depreciation.....	26,535.22		
	217,368.61		
Real Estate.....	1,640,251.88		
Prepaid Expenses.....	1,290.48		
	\$1,971,629.15		

REPORT OF THE TREASURER

EXHIBIT "B."

SURPLUS

As at August 31, 1926.

Balance September 1, 1925.....	\$1,073,002.09
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Add:

Old Accounts Collected.....	\$645.72	
Additional Tuition Prior Year.....	422.16	
Transferred to Medical School Equip- ment.....	463.54	
Excess of Sale Price over Book Value of 1435 K Street, N. W.....	65,000.00	
Net Income of University for the year ended August 31, 1926, transferred from Revenue Account, Exhibit "C".....	16,219.62	
		<u>82,751.04</u>

\$1,155,753.13*Deduct:*

Uncollectible Accounts Prior Year.....	10,154.83	
Tuition Refunds and Allowances Prior Year.....	2,222.27	
Endowment Fund Campaign Expenses...	1,284.37	
		<u>13,661.47</u>

Balance August 31, 1926, Exhibit "A".....	<u><u>\$1,142,091.66</u></u>
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GENERAL ACCOUNTS

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EXHIBIT "C."—REVENUE ACCOUNT
For the year ended August 31, 1926.*Income:*

Department of Arts and Sciences, Exhibit "D"	\$3,945.51
Law School, Exhibit "F"	(deficit) 10,803.58
Medical School, Exhibit "H"	19,927.63
College of Pharmacy, Exhibit "J"	1,513.97
University Hospital, Exhibit "K"	3,047.71
Student Activities, Exhibit "L"	2,410.33
University Cafeteria, Exhibit "M"	(deficit) 1,456.85

Assessment for General Expenses:

Department of Arts and Sciences, Exhibit "D"	\$86,306.00
Law School, Exhibit "F"	28,768.00
	<u>115,074.00</u>

Income from Endowments for:

General Purposes	10,585.09
Special Purposes	6,350.00
	<u>16,935.09</u>

Income from Other Sources:

Graduation Fees	6,578.00
Interest on Bank Deposits	1,674.62
Rents—Net	67.50

Contributions:

C. H. Woodhull	\$1,000.00
Student Activities	2,000.00
University Hospital Benefit	1,774.89
	<u>4,774.89</u>

Miscellaneous	218.20
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13,313.21*Expenses:*\$163,907.02

Administrative Expenses:

Administration Hall:

Heat and Light	\$909.55
Wages	2,343.69
Repairs	741.27
Supplies and Expense	228.66

\$4,223.17

Advertising	2,405.44
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Auditing	825.00
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Commencement Expenses	6,778.35
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Depreciation of Equipment	213.68
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Insurance	3,300.11
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Legal	250.00
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Sundry Supplies and Expenses	3,847.55
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Postage	4,379.18
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Salaries and Wages	59,372.90
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Surety Bond Premiums	224.26
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Stationery and Printing	2,301.67
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Telephone and Telegrams	2,118.29
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Transferred to Medical School, Exhibit "H"	25,500.00
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President's Emergency Expenses	1,396.04
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University Hospital Benefit	1,674.89
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Traveling Expenses	1,950.96
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120,761.49

Interest	\$25,952.27
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Taxes	973.64
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26,925.91147,687.40Net Income for the year ended August 31, 1926, transferred
to Surplus Account, Exhibit "B"\$16,219.62

REPORT OF THE TREASURER

EXHIBIT "D."

DEPARTMENT OF ARTS AND SCIENCES.

For the year ended August 31, 1926.

Income.

Tuition:

School of Graduate Studies.....	\$24,183.16	
Columbian College.....	240,632.34	
College of Engineering.....	54,404.16	
Teachers College.....	38,539.58	
		<u>\$357,759.24</u>

Matriculation:

School of Graduate Studies.....	826.00	
Columbian College.....	5,706.00	
College of Engineering.....	1,188.00	
Teachers College.....	1,170.00	
		<u>8,890.00</u>

Laboratory:

School of Graduate Studies.....	314.32	
Columbian College.....	6,652.62	
College of Engineering.....	3,678.07	
Teachers College.....	446.32	
		<u>11,091.33</u>

Other Income:

Contributions—		
Board of Lady Managers.....	\$50.00	
Prizes:		
Fraternity.....	\$55.00	
McCutchins.....	40.00	
Arthur B. Heaton...	100.00	
	<u>195.00</u>	
		245.00
Miscellaneous.....		178.18
		<u>423.18</u>
		<u>\$378,163.75</u>

Expenses.

Salaries and Wages.....	\$234,643.73
Laboratories.....	6,891.12
Stationery and Printing.....	6,704.07
Library.....	900.82
McCutchins Prizes.....	40.00
Arthur B. Heaton Prizes.....	100.00
Fraternity Prizes.....	55.00
Postage.....	555.39
Telephone.....	300.13
Proctors.....	675.00
Traveling Expenses.....	333.57
Advertising.....	124.25
Tennis Court.....	261.34
Depreciation on Equipment.....	2,399.59
Depreciation on Library Books.....	381.18
Miscellaneous Supplies and Expenses.....	3,655.58
	<u>\$258,020.77</u>

GENERAL ACCOUNTS

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University Hall:

Wages.....	\$15,927.48	
Insurance.....	125.00	
Rent.....	2,745.00	
Heat and Light.....	9,286.75	
Repairs.....	8,171.99	
Water.....	225.53	
Hauling.....	471.75	
Supplies and Expenses.....	1,701.79	
	<u>38,655.29</u>	
Less: Rent of Fraternity Rooms....	1,297.50	
		\$37,357.79
Transferred to General Fund, Exhibit "C".....	86,306.00	
Transferred to College of Pharmacy, Exhibit "J".....	1,000.00	
		<u>\$382,684.56</u>
		\$4,520.81

Net Income Department of Arts and Sciences Summer

School, transferred from Exhibit "E"..... 8,466.32

Net Income, transferred to Revenue Account, Exhibit "C"..... \$3,945.51

NOTE:

Tuition was provided by the Department of Arts and Sciences for which it received no monetary consideration, as follows:

Scholarships.....	\$12,173.75	
University Aid.....	3,743.75	
Ministerial Aid.....	1,751.12	
		<u>\$17,668.62</u>

EXHIBIT "E."

DEPARTMENT OF ARTS AND SCIENCES—SUMMER SCHOOL.

For the year ended August 31, 1926.

Income.

Tuition.....	\$40,874.99	
Laboratories.....	1,406.48	
		<u>\$42,281.47</u>

Expenses.

Salaries.....	\$32,871.00	
Advertising.....	351.60	
Stationery and Printing.....	592.55	
		<u>\$33,815.15</u>

Net Income, transferred to Department of Arts

and Sciences, Exhibit "D"..... \$8,466.32

EXHIBIT "F."

LAW SCHOOL.

For the year ended August 31, 1926.

Income.

Tuition.....	\$90,163.40	
Matriculation.....	1,207.00	
Miscellaneous.....	6.88	
Contributions for Prizes:		
Herrick.....	\$25.00	
Ellsworth.....	25.00	
	<u>50.00</u>	
		\$91,427.28

Expenses.

Salaries and Wages.....	\$63,281.96	
Library.....	906.63	
Stationery and Printing.....	2,435.45	
Telephone and Telegrams.....	109.75	
Postage.....	135.53	
Advertising.....	680.75	
Herrick Prize.....	25.00	
Ellsworth Prize.....	25.00	
Traveling Expenses.....	327.23	
Entertainment.....	518.75	
Depreciation on Equipment.....	137.55	
Depreciation on Library Books.....	288.83	
Miscellaneous Supplies and Expenses.....	491.02	
	<u>69,363.45</u>	
Transferred to General Fund, Exhibit "C"....	28,768.00	
		98,131.45

Law Hall:

Wages.....	\$4,180.39	
Heat and Light.....	1,037.35	
Hauling.....	144.00	
Supplies and Expenses.....	583.34	
Repairs.....	931.61	
	<u>6,876.69</u>	
		105,008.14
		<u>\$13,580.86</u>
Net Income Law Summer School, transferred from Exhibit "G".....		2,777.28
Net Loss, transferred to Revenue Account, Exhibit "C".....		<u>\$10,803.58</u>

GENERAL ACCOUNTS

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EXHIBIT "G."—LAW SUMMER SCHOOL.
For the year ended August 31, 1926.

<i>Income.</i>		
Tuition.....	\$11,661.00	
Matriculation.....	200.00	
	<hr/>	\$11,861.00
<i>Expenses.</i>		
Salaries.....	\$8,630.00	
Advertising.....	270.00	
Stationery and Printing.....	183.72	
	<hr/>	\$9,083.72
Net Income, transferred to Law School, Exhibit "F".....		<hr/> <hr/> \$2,777.28

EXHIBIT "H."—MEDICAL SCHOOL.
For the year ended August 31, 1926.

<i>Income.</i>		
Tuition.....	\$73,061.29	
Matriculation.....	728.00	
Laboratories.....	5,068.00	
Contributions:		
Medical School Repairs.....	175.00	
Nurses Fees for Instruction.....	4,020.00	
Fire Loss.....	70.00	
Rents, Medical Hall and Lockers.....	329.00	
	<hr/>	\$83,451.29
Transferred from Administration, Exhibit "C".....	25,500.00	
	<hr/>	\$108,951.29
<i>Expenses.</i>		
Salaries and Wages.....	\$66,449.52	
Laboratories.....	6,461.20	
Library.....	67.57	
Stationery and Printing.....	1,045.57	
Advertising.....	234.67	
Telephone and Telegrams.....	461.52	
Postage.....	160.16	
Traveling Expense.....	739.87	
Depreciation:		
Equipment.....	\$1,149.90	
Library Books.....	70.48	
	<hr/>	1,220.38
Miscellaneous Supplies and Expenses.....	1,166.92	
	<hr/>	78,007.38
Medical Hall:		
Wages.....	\$3,907.50	
Heat and Light.....	3,025.46	
Hauling.....	270.15	
Repairs.....	3,473.33	
Miscellaneous Supplies and Ex-		
penses.....	850.64	
	<hr/>	11,527.08
	<hr/>	89,534.46
		<hr/>
		\$19,416.83
Net Income, Medical Summer School, transferred from Ex-		
hibit "I".....		510.80
Net Income, transferred to Revenue Account, Exhibit "C".....		<hr/> <hr/> \$19,927.63

REPORT OF THE TREASURER

EXHIBIT "I."—MEDICAL SUMMER SCHOOL.
For the year ended August 31, 1926.

<i>Income.</i>		
Tuition.....	\$2,090.00	
Matriculation.....	66.00	
Laboratories.....	310.00	
		<u>\$2,466.00</u>
<i>Expenses.</i>		
Salaries.....		\$1,955.20
Net Income, transferred to Medical School, Exhibit "H"...		<u>\$510.80</u>

EXHIBIT "J."—COLLEGE OF PHARMACY.
For the year ended August 31, 1926.

<i>Income.</i>		
Tuition.....	\$3,243.54	
Matriculation.....	110.00	
Laboratory.....	621.53	
	<u>\$3,975.07</u>	
Transferred from Arts and Sciences, Exhibit "D"	1,000.00	
		<u>\$4,975.07</u>
<i>Expenses.</i>		
Salaries and Wages.....	\$1,720.00	
Telephone and Telegrams.....	133.67	
Heat and Light.....	473.58	
Stationery and Printing.....	380.88	
Repairs.....	244.81	
Insurance.....	16.53	
Interest.....	240.00	
Advertising.....	73.87	
Miscellaneous Supplies and Expenses.....	177.76	
		<u>\$3,461.10</u>
Net Income, transferred to Revenue Account, Exhibit "C"...		<u>\$1,513.97</u>

EXHIBIT "K."—UNIVERSITY HOSPITAL.
For the year ended August 31, 1926.

<i>Income.</i>		
Pay Patients.....	\$123,302.84	
Commissions.....	631.33	
Miscellaneous.....	99.50	
		<u>\$124,033.67</u>
<i>Expenses.</i>		
Salaries and Wages.....	\$47,511.73	
Table Supplies.....	37,591.30	
Medical and Surgical Supplies.....	10,198.50	
Nurses' Outfits and Supplies (Net).....	3,572.50	
Electricity and Gas.....	4,680.13	
Fuel.....	2,188.11	
Laundry.....	4,814.72	
Repairs.....	3,395.99	
Ice.....	1,558.30	
Telephone and Telegrams.....	973.03	
Stationery and Printing.....	1,211.32	
Hauling.....	200.90	
Traveling Expense.....	143.78	
Miscellaneous Supplies and Expenses.....	2,945.65	
		<u>\$120,985.96</u>
Net Income, transferred to Revenue Account, Exhibit "C"...		<u>\$3,047.71</u>

GENERAL ACCOUNTS

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EXHIBIT "L."

STUDENT ACTIVITIES.

For the year ended August 31, 1926.

Income.

Student Fees.....	\$38,133.00	
Athletics.....	5,689.74	
Publication.....	2,923.82	
Music.....	861.13	
Dramatics.....	840.16	
Debating.....	333.50	
Prizes, Fraternity.....	20.00	
Miscellaneous.....	264.35	
		\$49,065.70

Expenses.

Athletics.....	\$22,249.82	
Publication.....	6,001.63	
Music.....	1,960.67	
Dramatics.....	1,762.83	
Debating.....	1,743.50	
Medical and Hospital.....	4,586.50	
Administration.....	3,832.17	
Transferred to University General Fund.....	2,000.00	
Prizes, Fraternity.....	20.00	
Miscellaneous Supplies and Expenses.....	2,498.25	
		\$46,655.37

Net Income, transferred to Revenue Account, Exhibit "C" .. \$2,410.33

EXHIBIT "M."

UNIVERSITY CAFETERIA.

For the year ended August 31, 1926.

Income.

Food Sales.....	\$20,489.36
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Expenses.

Salaries and Wages.....	\$7,824.79	
Food Purchases.....	12,571.69	
Telephone.....	150.84	
Stationery and Printing.....	169.10	
Laundry.....	257.21	
Ice.....	318.69	
Advertising.....	134.31	
Hauling.....	96.00	
Insurance.....	12.25	
Miscellaneous Supplies and Expense.....	411.33	
		\$21,946.21

Net Loss, transferred to Revenue Account, Exhibit "C" \$1,456.85

REPORT OF THE TREASURER

EXHIBIT "N."—STATEMENT OF CASH RECEIPTS AND PAYMENTS.
For the year ended August 31, 1926.

[illegible]

GENERAL ACCOUNTS

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Transfer of Endowment Income.....	7,262.90	1925 Accounts Payable.....	2,930.50
Sale of K Street Property.....	135,821.35	Salaries Prepaid.....	237.50
Interest on Bank Balance.....	1,674.62	Medical Tuition Prepaid.....	380.00
Interest on Tuition Fees.....	5.24	Accounts Prepaid 1926-1927.....	1,052.98
Miscellaneous:		Columbia Women Candy Fund.....	240.28
Sale of Thesis Paper.....	160.93	Payment on Liability to Trust Funds Income.....	2,000.00
Rent, Medical Hall and Lockers.....	329.00	Home Building Association.....	120.00
Telephone Commissions.....	215.90	Endowment Campaign Expenses.....	1,374.37
Petty Cash Funds returned—Cafeteria.....	200.00	Junior Prom.....	1,045.58
Cafeteria Sales.....	20,366.38		\$969,129.17
Emergency Hospital Nurses' Fees.....	890.20	Cash Balance, August 31, 1926,	
Sibby Hospital Nurses' Fees.....	1,017.80	Riggs National Bank.....	11,812.25
Children Hospital Nurses' Fees.....	171.20		
Gallinger Hospital Nurses' Fees.....	161.60		
Columbia Hospital Nurses' Fees.....	193.60		
Garfield Hospital Nurses' Fees.....	801.20		
Sale of Examination Questions and Books, Law School.....	115.00		
Fire Loss Paid Medical School.....	70.00		
Stationery and Printing.....	38.51		
Refund Traveling Expenses.....	315.93		
Refund on Purchase of 21st and G Streets Property.....	9.94		
Junior Prom Proceeds.....	915.75		
Columbia Women Candy Fund.....	240.28		
Miscellaneous.....	167.18		
Advance Receipts Medical School 1926-1927:	26,380.40		
Tuition.....	8,104.00		
Fees—Student Activities.....	1,005.00		
Advance Receipts University Hospital 1926-1927:	9,109.00		
Pay Patients.....	2,406.38		
Miscellaneous.....	381.50		
	2,787.88		
Cash Balance, September 1, 1925,	\$957,820.56		
Riggs National Bank.....	23,120.86		
	\$980,941.42		

\$980,941.42

REPORT ON THE STATE OF THE STATE OF NEW YORK

TRUST ACCOUNTS

REPORT OF THE TREASURER

EXHIBIT "O."

TRUST FUNDS.

As at August 31, 1926.

GENERAL ENDOWMENT FUNDS.

Permanent funds, principal to be invested and income only to be used, for support of the general work of the University.

Subscription Gifts Fund, 1845-1851:

Fund raised by authority of the Trustees of Columbian College by general subscription between the years 1845 and 1851, as a permanent endowment for the support of the College. (Formerly called the Poindexter Endowment Fund.)..... \$12,525.56

Withers Fund:

Fund raised by authority of the Trustees of Columbian College between the years 1851 and 1870, for increasing the endowment fund of the College; John Withers of Alexandria, Virginia, giving \$16,100, and the balance being obtained by general subscription. (Formerly called the Forty Thousand Dollar Endowment Fund.)..... 26,891.46

Corcoran Fund:

Fund raised by authority of the Trustees of Columbian College and Columbian University between the years 1871 and 1886, to be forever held inalienable, and not to be diminished by use for the support of the institution, but the whole amount to be invested, in the discretion of the Trustees and according to their best judgment, and the interest thereon or the income therefrom to be used for the current expenses and support of the institution; William W. Corcoran, of Washington, D. C., giving \$112,000, and the balance being obtained by general subscription..... 220,155.76

Syms Fund:

Bequest of Samuel Robert Syms, of West Hoboken, New Jersey, in 1891, to Columbian University, to be applied by the Trustees toward the endowment of the College proper..... 1,500.00

Alumni Fund:

A fund established by the Senior Class of 1920, as a testimonial of grateful appreciation, to be added to by succeeding graduating classes, the income only to be used for the general welfare of the University, as directed by the Board of Trustees..... 392.00

1923-24 Campaign Fund:

Receipts through the Treasurer of the Fund, from various donors, and invested as a general endowment..... 144,500.00

George N. Acker Fund:

Bequest of George N. Acker, M. D., of Washington, D. C., received July 2, 1924. An unconditional gift carried as a general endowment by direction of the Board of Trustees..... 300.00

\$406,264.78

PROFESSORSHIP ENDOWMENT FUNDS.

Permanent funds, principal to be invested and income only to be used, for support of professorships as specified by the donors.

Congressional Professorship Fund:

Donation by the United States, in 1832, by Act of Congress, of \$25,000 in city lots in Washington, D. C., to be sold and the proceeds invested as a capital, the dividends or interest to be used and applied, in aid of other revenues of Columbian College, to the establishment and endowment of such professorships therein "as now are, or hereafter shall be, established by the Trustees"..... \$105,362.95

Elton Professorship Fund:

Bequest of Rev. Romeo Elton of Exeter, England, in 1872, to be applied for the foundation of a professorship of mental and moral philosophy in Columbian College, to be called the Elton Professorship of Mental and Moral Philosophy..... 14,508.19

Alumni Professorship Fund:

Gifts of various alumni since 1911, for the endowment of an Alumni Professorship of Mathematics, the amount to be invested and the interest only to be used for the professorship..... 829.49

\$120,700.63

SPECIFIC ENDOWMENT FUNDS.

Permanent funds, principal to be invested and income only to be used, for designated purposes specified by the donors (other than support of professorships) incidental to, or connected with, the general work of the University.

*Scholarship Funds:**Walker Scholarship Fund:*

Gift of William Walker, of Putnam County, Georgia, in 1824, for the endowment of a scholarship..... \$2,500.00

Withington Scholarship Fund:

Gift of the Board of Trustees of the New York Baptist Theological Seminary, on behalf of John Withington, of New York, in 1829, for the purpose of endowing a scholarship in Columbian College, to be named the Withington Scholarship..... 1,953.13

Morehouse Scholarship Fund:

Gift of A. Morehouse, of Washington, D. C., in 1861, to Columbian College, with the design of adding to its ability to furnish gratuitous instruction to indigent students for the Christian ministry..... 1,500.00

Kendall Scholarship Fund:

Gift of Amos Kendall, of Washington, D. C., in 1869, to Columbian College on behalf of Calvary Baptist Church in the City of Washington, to purchase a classical scholarship; the Trustees of Public Schools in the City of Washington, and their successors, to have the perpetual privilege of selecting from said schools one pupil annually to fill said scholarship, and the pupils so selected each to be entitled to instruction in said College, for the term of six years, free of charge for tuition, use of library, and apparatus, or for any other privilege allowed to paying students of the same grade..... 5,959.61

Davis Scholarship Fund:

Gift of Isaac Davis, of Worcester, Massachusetts, in 1869, the income to be appropriated to some student pursuing his collegiate course in Columbian College under certain conditions \$1,000.00

M. M. Carter Scholarship Fund:

Gift of Mrs. Maria M. Carter, of Washington, D. C., in 1871, to Columbian College, to found a scholarship for some deserving young man 1,000.00

Founders of Columbian Women Scholarship Fund:

A fund established by the "Columbian Women" of George Washington University, in 1920, to provide scholarships for women in Columbian College 5,000.00

Woodhull Scholarship Fund:

Bequest of Ellen M. E. Woodhull, of Washington, D. C., the income to be used for scholarships 600.00

Third Columbian Women Scholarship Fund:

A fund established by the "Columbian Women" of George Washington University, in 1925, to provide scholarships for women in Columbian College 1,270.00

Byron Andrews Memorial Scholarship Fund:

A fund founded by Mrs. Belle Fish Andrews, in memory of her husband, Byron Andrews, to provide scholarships "for ambitious and needy students in English, Latin, Journalism, History, Literature or Political Science" . . . 5,000.00

David Spencer Scholarship Fund:

Devise in trust of real estate in Knox County, Illinois, the income to constitute an educational fund which under certain conditions shall be used to aid in defraying the expenses of designated students at the University 18,135.00

Farnham Scholarship Fund:

Gift of Mrs. Robert Farnham, of Washington, D. C., in 1871, to Columbian College for a scholarship in the College 1,000.00

Powell Scholarship Fund:

Devise of real estate by Rear Admiral Levin M. Powell, of Washington, D. C., in 1886, to Columbian University for the free education of young men by way of preparation for entrance into the Naval Academy at Annapolis, or to fit them to become mates and masters in the Merchant Marine Service of the United States . . . 30,000.00

Mary Lowell Stone Scholarship Fund:

Gift of an anonymous person in memory of Miss Mary Lowell Stone, in 1893, to Columbian University for scholarships for needy women students in science in the Department of Arts and Sciences 2,000.00

H. H. Carter Scholarship Fund:

Gift of Mrs. Maria M. Carter, of Washington, D. C., in 1896, in memory of her husband, Henry Harding Carter, to Columbian University, as a foundation for scholarships in civil engineering in Columbian College . . . 5,000.00

Nellie Maynard Knapp Scholarship Fund:

Gift of the "Columbian Women," in 1915, in memory of Mrs. Nellie Maynard Knapp, to George Washington University, for scholarships for women in the Department of Arts and Sciences 5,000.00

Elma Lewis Harvey Scholarship Fund:

Bequest of Mrs. Emma Elizabeth Harvey, in memory of her daughter, Elma Lewis Harvey, to found a scholarship in the Department of Arts and Sciences for young women of the Protestant faith and of the Caucasian race.....

\$5,000.00

Elizabeth V. Brown Scholarship Fund:

A fund founded by the College Women's Club of Washington, D. C., in 1925, as a memorial to Elizabeth V. Brown, the income to be used for scholarships in Teachers College.....

1,200.00

District of Columbia D. A. R. Loan Fund:

A fund established by the District of Columbia Chapters of the Daughters of the American Revolution in 1926, the income to be used as a loan fund to students.....

326.00

College Women's Scholarship Fund:

Donation by the College Women's Club of Washington in 1926, the income to be used by the Columbian Women for scholarships.....

500.00

\$93,943.74

Medical School and Hospital Funds:*Cooper Medical Research Fund:*

Bequest of Mrs. Eleanor J. Cooper, of Washington, D. C., in 1905, to Columbian University on certain terms since modified by the Supreme Court of D. C., as follows: The income to be devoted towards the establishment and maintenance, in connection with the Medical Department of George Washington University, of a Research Laboratory, the work of this laboratory to be devoted to the investigation of the nature, causation, prevention, and cure of malaria and other infectious and contagious diseases.....

\$10,000.00

National Park Seminary Hospital Fund:

Gift of students of National Park Seminary, of Forest Glen, Maryland, in 1906, to George Washington University, for the endowment of a bed in the University Hospital.....

500.00

Woodbury Hospital Fund:

Bequest of Miss Ellen deQ. Woodbury, of Washington, D. C., in 1909, to George Washington University, for the reception and treatment of female patients in the hospital belonging to or connected with the University.....

9,583.33

Chapman Hospital Fund:

Bequest of Mrs. Susanna A. Chapman, of Washington, D. C., in 1911, to George Washington University, to be used for the purposes of the free wards of the University Hospital.....

1,350.90

Tree Hospital Fund:

Bequest of Lambert M. Tree, of Chicago, Illinois, in 1911, in memory of his mother, Mrs. Laura M. Tree, to Columbian University, for the purpose of establishing one or more beds in perpetuity in the University Hospital to be known as the "Laura M. Tree bed or beds".....

10,000.00

Reinhardt Hospital Fund:

Bequest of Mrs. Luisa Wynne Reinhardt, of Washington, D. C., in 1922, to the University Hospital, to be used for the benefit of the Hospital, as directed by the Board of Trustees.....

500.00

Sharpe Medical School Fund:

Gift of Mary A. Sharpe, Elizabeth M. Sharpe, and Sallie Sharpe, in 1924, to establish a fund in trust, the income to be used exclusively for the Medical School..... \$8,000.00

Lewis Medical School Fund:

Bequest of Samuel E. Lewis, received in 1925, the income to be used for the support of the Medical School..... 103,004.15

Board of Lady Managers Hospital Fund:

Gift of the Board of Lady Managers of George Washington University Hospital, in 1925, to establish a fund, the income to be used for the support of the Hospital.. 500.00

\$143,438.38

Prize Funds:*Davis Prize Fund:*

Gift of Isaac Davis, of Worcester, Massachusetts, in 1847, to Columbian College, for prizes to be awarded annually to such members of the senior class as shall have made the greatest progress in elocution since their connection with the College..... \$700.00

Ruggles Prize Fund:

Gift of William Ruggles, of Washington, D. C. (a professor in Columbian College and at one time Acting President), in 1859, to Columbian College, for a prize to be awarded annually for excellence in mathematics.. 500.00

Staughton-Elton Prize Fund:

Gift of Rev. Romeo Elton, of Exeter, England, in 1860 and 1865, to Columbian College, for prizes to be awarded annually for excellence in the Latin and Greek languages; one to be called the Staughton prize in Latin, the other the Elton prize in Greek..... 500.00

Fitch Prize Fund:

Gift of James E. Fitch, of Washington, D. C., in 1883, to Columbian University in memory of Willie E. Fitch, for a gold prize to be assigned annually under the auspices of the Scientific School..... 1,000.00

Walsh Prize Fund:

Gift of Thomas F. Walsh, of Washington, D. C., in 1901, to Columbian University, for a gold medal to be awarded annually for excellence in Irish history..... 300.00

Cutter Prize Fund:

Gift of Marion Kendall Cutter, of Washington, D. C., in 1902, to Columbian University, in memory of E. K. Cutter, for a prize to be awarded annually for excellence in the study of English..... 1,000.00

Goddard Prize Fund:

Gift of Mary W. Goddard, Alice Douglas Goddard, and Frederick J. Goddard, of Georgetown, D. C., in 1923, in memory of Morgan Richardson Goddard, for a gold medal, and a cash prize, to be awarded annually to the student making the highest average in Commerce.... 1,169.00

Goddard Prize Fund:

Gift of Mary W. Goddard, Alice Douglas Goddard, and Frederick J. Goddard, of Georgetown, D. C., in 1923, in memory of James Douglas Goddard, for a gold medal to be awarded annually to the student making the highest average in Pharmacy..... 675.00

Goddard Prize Fund:

Gift of Mary W. Goddard, Alice Douglas Goddard, and Frederick J. Goddard, of Georgetown, D. C., in 1923, in memory of Edward Carrington Goddard, class of '81, for a gold medal to be awarded annually to the student making the highest average in the French language and literature. \$675.00

Hubbard Prize Fund:

Gift of Mrs. Gertrude M. Hubbard, of Washington, D. C., in 1907, to George Washington University in memory of her husband, Gardiner G. Hubbard, for a prize to be awarded annually to the student in the undergraduate department of the University who, having maintained throughout four years a high standing in the classes of American history, may be required to present the best essay upon an assigned topic in this subject. 1,000.00

Ordronaux Prize Fund:

Bequest of John Ordronaux, of Glen Head, N. Y., in 1909, to George Washington University, for the establishment of biennial prizes in the Law and Medical Departments. 4,762.50

Weddell Prize Fund:

Gift of Mrs. Virginia Chase Weddell, in 1923, to found a prize to be known as the "Alexander Wilbourne Weddell Prize," to be awarded annually to the student submitting the best essay upon the general subject of the promotion of peace among the nations of the world. ... 5,000.00

Sterrett Prize Fund:

Gift of Rev. J. Macbride Sterritt, in 1911, to George Washington University, in memory of his son, J. Macbride Sterrett, Jr., for a gold medal to be awarded annually to the student obtaining highest average in physics. 300.00

Lewis, D. and Myrtle H. Wilson Prize Fund:

A fund established by Miss Elizabeth Wilson in 1926, in memory of her parents, the income to be used to provide a prize in the Medical School. 1,000.00

\$18,581.50

Total Endowment Funds. \$782,929.03

EXECUTORY TRUST FUNDS.

Non-permanent funds, principal and income usable for the purposes specified by the donors, each trust terminating on its execution.

Executory Trust Funds not Confined to Building Purposes:*Denman Law School Fund:*

Bequest of Hampton Y. Denman, of Washington, D. C., in 1904, to Columbia University, for the use and benefit of the Law Department. \$9,635.84

Jacques Law School Fund:

Bequest of Mrs. Mary Emma Jacques, of Washington, D. C., in 1912, to George Washington University, to be used in such manner as the Trustees may direct for the Law School. 6,559.98

Jacques Medical School Fund:

Bequest of Mrs. Mary Emma Jacques, of Washington, D. C., in 1912, to George Washington University, to be used in such manner as the Trustees may direct for the Hospital of the University, \$4,323.85

Mayer Hospital Fund:

Bequest of Theodore J. Mayer, of Washington, D. C., in 1907 (received in 1916), to George Washington University, for the benefit of the University Hospital. . . . 5,679.64

Reserve for the protection of Trust Funds investments.

823.67

Lafayette Memorial Fund. 1,628.11

Maury Memorial Fund. 1,494.37

Stockton Memorial Fund. 266.58

Endowment Restoration and Accretion Fund. . . . 3,196.45

Fund to Promote International Debating. 637.84

\$34,246.33**Building Funds:***Law School Building Fund:*

Gifts from various persons toward a fund authorized by the Trustees of the University May 31, 1916, for purchasing a site and erecting a Law School building. . . \$245.87

General Building Fund:

Gifts from various persons toward a fund authorized by the Trustees of the University May 31, 1916, for purchasing sites, buildings and equipment, remodeling or rebuilding, and paying off obligations. This is an open subscription fund, to be continued and increased indefinitely. . . . 30,517.39

Chemistry Building Fund:

Gifts from various persons toward a fund, principal and interest usable for a Chemical Laboratory Building. . . . 150.11

Unit No. 3 Fund:

Gifts from various persons to aid in financing the third unit of the building program. . . . 7,750.00

Class of 1929 Women, Unit No. 3 Fund:

Gifts from women members of the Class of 1929, to be used in aid of the building of Unit No. 3. . . . 30.00

38,693.37

Total Executory Trust Funds. \$72,939.70

Total Trust Funds. \$855,868.73

EXHIBIT "P."

ENDOWMENT FUNDS INVESTMENTS

As at August 31, 1926.

STOCKS.

American Telephone and Telegraph Co.:	
7 shares of stock.	\$808.00
Chicago, Rock Island and Pacific Railway Co.:	
40 shares of 7 per cent Preferred Stock.	4,000.00

BONDS.

Chicago, Rock Island and Pacific Railway Co.:	
\$24,000 4 per cent and Refunding Mortgage Bonds, due 1934.....	\$20,959.17
*Chicago, Rock Island and Pacific Railway Co.:	
\$10,000 4 per cent Collateral Trust Bonds, due 2002.....	8,094.72
Virginia Railway Co.:	
\$300 5 per cent First Mortgage Gold Bonds, Series "A," due 1962.....	297.38
Washington Railway and Electric Co.:	
\$4,500 4 per cent Consolidated Mortgage Gold Bonds, due 1951.....	3,631.25
Potomac Electric Power Co.:	
\$15,000 5 per cent Consolidated Mortgage Gold Coupon Bonds, due 1936.....	15,025.00
Liberty Loan Bond—Second Series.....	50.00

TRUST NOTES.

Agnes Plunkett Notes:	
Secured by deed of trust on part of lot 12, square 11, in Meridian Hill; interest 6 per cent; due February 4, 1929..	200.00
Elmer W. Brandes Note:	
No. three of three, secured by deed of trust on lot 25, square 1938; interest 6 per cent; due July 16, 1929. Held by American Security and Trust Co., Trustees of Byron Andrews Memorial Scholarship Fund.....	3,000.00
Anchor Theatrical Corporation Notes:	
Numbers thirty-five and thirty-nine of thirty-nine, secured by deed of trust on lot 44, square 254, interest 6 per cent; due September 26, 1930.....	5,000.00
Benjamin F. Raines Note:	
Secured by deed of trust on sub-lot 148, square 672; interest 7 per cent; due March 13, 1929.....	2,150.00
Terminal Storage and Warehousing Company Notes:	
Numbers one hundred and six, one hundred and eleven, one hundred and thirty-six and one hundred and thirty-seven, part of one hundred and thirty-four, one hundred and thirty-eight and one hundred and thirty-nine, of one hundred and forty-five, secured by deed of trust on original lot 6, lots A, B, C, D, E, F, 16, 17, and part of lots 18 and 191, square 536; interest 6 per cent; due November 10, 1928.....	19,000.00
Morris Ross Note:	
Numbers five and six of eight, secured by deed of trust on lot 24, square 180; interest 6 per cent; due April 15, 1928..	2,000.00
Pauline V. Beyer Note:	
No. 6 of a series of 66, secured by lot B and part of Alley H, square 376; due December 17, 1928; interest 5½ per cent	5,000.00
Salvation Army Notes:	
2 notes Nos. 22 and 23 of a series of 25, secured by lots 29, 30, 31, and part of 32, square 248; due March 17, 1929; interest 6 per cent.....	10,000.00
Rapley Theatre Company Note:	
1 note of a series, secured by lot 804, square 254; due June 8, 1927; interest at 6 per cent.....	8,000.00
Carrie Carroll and Sarah Ornstein Note:	
Three notes, numbers 1, 2 and 4 of a series of 23, secured by lots 58 and 59, square 218; due July 17, 1927; interest at 6 per cent.....	25,000.00

* To secure these bonds the University has received 100 shares of Chicago, Rock Island and Pacific Railway Co. common stock.

Edwin H. Etz Notes:

Three notes, numbers 1, 2 and 3 of 37, secured by lot 44, square 288; interest 6 per cent; due August 5, 1927. . . . \$15,000.00

Central Building Company Notes:

Numbers 208, 209, 210, 211, and 212, of 308, secured by lot 47, square 168; interest 6 per cent; due December 18, 1929. . . . 25,000.00

Albert Hislop Notes:

Numbers 153, 154 and 191 of 280, secured by lot 38, and part of original lot 5, square 253; interest $5\frac{1}{2}$ per cent; due March 14, 1928. . . . 15,000.00

Ida M. Butts Notes:

Numbers 1 and 7 of 39, secured by lots 273 and 274, square 245; interest 6 per cent; due March 23, 1928. . . . 15,000.00

*Interest in \$350,000 note payable to Washington Loan and Trust Co., secured by deed of trust, executed by the University to National Savings and Trust Company, Trustee, December 1, 1910, on Medical and Hospital Lands and Buildings, 1335, 1339, and 1341 H Street, N. W., without interest; due on or before December 1, 1920. . . . 323,430.23

Chester A. Snow Notes:

Numbers 36, 44, 48, 52, 70, 71, 73, and 74 of 95, secured by deed of trust on lot 77, square 162; interest $5\frac{1}{2}$ per cent; due October 31, 1928. . . . 8,000.00

Frank Armstrong Notes:

Five notes secured by deed of trust on lot 66, square 1868; interest 6 per cent; due November 10, 1928. . . . 5,000.00

Chas. H. Butler Notes:

Five notes numbers 1 to 5 of a series of 50, secured by deed of trust on lots 4, 22, 23, 53, square 1991, interest 6 per cent; due February 6, 1929. . . . 25,000.00

H. L. Breuninger Notes:

One of a series of 14, secured by deed of trust on lot 23, square 2714; interest 6 per cent; due May 21, 1928. . . . 5,000.00

Wardman and Bones Note:

No. 10 of 70, secured by deed of trust on lot 4, square 216; interest 6 per cent; due February 17, 1929. . . . 5,000.00

Kresge Realty Company Notes:

Numbers 2 and 3 of 25, secured by deed of trust on lot 1, square 319; interest $5\frac{1}{4}$ per cent; due April 9, 1928. . . . 20,000.00

REAL ESTATE.

Congressional Endowment:

Lot 818, square 13.	\$3,813.50	
Lot 12, square 13.	3,715.00	
Lot 13, square 13.	3,270.00	
Lot 9, square 16.	2,594.20	
Lot 5, square 87.	8,532.00	
		\$21,924.70

Powell House, 1707 Eye Street N. W. 30,000.00

Chapman lot, Hyattsville. 125.00

Spencer Farm. 18,135.00

Lewis Properties, 1404-6-8-10 P Street, and 1416-18 and 1502 14th Street. 145,000.00

MISCELLANEOUS.

Certificate of Deposit:

Washington Loan and Trust Company. \$150.00

\$808,980.45

* The \$2,000.00 difference between this note of the University and the liability carried on the balance sheet, Exhibit "A," is included in the Endowment Restoration and Accretion Fund.

TRUST ACCOUNTS

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SUMMARY.

Stocks.....	\$4,808.00	
Bonds.....	48,057.52	
Trust Notes.....	540,780.23	
Real Estate.....	215,184.70	
Miscellaneous.....	150.00	
		\$808,980.45
Cash on hand for Investment August 31, 1926, Exhibit "A",		18,948.58
		<u>\$827,929.03</u>
Less Mortgage on Lewis Properties.....	45,000.00	
Total Endowment Funds Investments.....		<u>\$782,929.03</u>

EXHIBIT "Q."

EXECUTORY TRUST FUNDS INVESTMENTS.

As at August 31, 1926.

BONDS.

U. S. Steel Corporation:		
\$2,000.00 5% Sinking Fund Gold Coupon		
Bonds, due 1963.....	\$2,040.00	
Potomac Electric Power Company:		
\$2,000.00 5% Consolidated Mortgage Gold		
Coupon Bonds, due 1936.....	2,028.75	
Washington Gas Light Company:		
\$1,000.00 5% General Mortgage Gold Bond,		
due 1960.....	1,105.00	
Washington Railway and Electric Company:		
\$1,000.00 4% Consolidated Mortgage Gold		
Bond, due 1951.....	860.00	
		<u>\$6,033.75</u>

TRUST NOTES.

Nettie and Fayette Moore Notes:		
No. 58-97 and 98 of 132, secured by deed of		
trust on lots 23, 24, 28, 29 and part of lot 65,		
block 36, Columbia Heights; interest 6%; due		
November 7, 1926.....	\$5,000.00	
Terminal Storage and Warehousing Company		
Notes:		
Part of Nos. 134, 138 and 139 of 145, secured by		
deed of trust on original lot 6, lots A, B, C, D,		
E, F, 16, 17 and part of lots 18 and 191, square		
536; interest 6%; due November 10, 1928...	6,000.00	
Fidelity Storage Company Notes:		
Nos. 1, 15, 22, 23, 28, 33, 34, 35, 48 and 55 of		
63; secured by deed of trust on lot 58, square		
205; interest 5½ per cent; due June 24,		
1928.....	22,000.00	
		<u>\$33,000.00</u>

MISCELLANEOUS.

Interest in General Property of the University.....	\$7,179.32	
Total Investments.....	<u>\$46,213.07</u>	
Cash on hand for Investment, August 31, 1925.....	26,726.63	
Total Executory Trust Funds Investments.....	<u>\$72,939.70</u>	

SUMMARY.

Total Endowment Funds Investments.....	\$782,929.03	
Total Executory Funds Investments.....	72,939.70	
Total Trust Funds Investments.....	<u>\$855,868.73</u>	

REPORT OF THE TREASURER

EXHIBIT "R."—ENDOWMENT AND EXECUTORY TRUST FUNDS, INCOME AND EXPENSE.
For the year ended August 31, 1926.

	Balance Aug. 31, 1925.		Year ended Aug. 31, 1926.		Balance Aug. 31, 1926.	
	Debit.	Credit.	Expense.	Income.	Debit.	Credit.
<i>Endowment Funds:</i>						
Congressional Professorship of English Fund.....		\$994.00	\$994.00	\$1,078.20		\$1,078.20
Corcoran Endowment Fund.....		1,488.91	1,488.91	1,615.00		1,615.00
Alumni Endowment Fund.....		90.27		21.60		111.87
Elton Professorship Fund.....		1,402.00	200.00	241.17		1,443.17
Alumni Professorship of Mathematics Fund.....		310.02		45.76		355.78
Founders of Columbian Women Scholarship Fund.....		254.02	254.02	275.66		275.66
Third Columbian Women Scholarship Fund.....		3.43		30.95		34.38
David Spencer Scholarship Fund.....		2,837.89	2,700.00	744.54		882.43
Withington Scholarship Fund.....		44.20		20.04		65.14
Kendall Scholarship Fund.....		228.62		248.10		476.72
Davis Scholarship Fund.....	\$57.80			2.21	\$55.59	
Powell Scholarship Fund.....	687.13		2,956.30	6,787.50		3,144.07
Ellen M. E. Woodhull Scholarship Fund.....		144.35		33.07		177.42
H. H. Carter Scholarship Fund.....						
M. M. Carter Scholarship Fund.....	206.25				206.25	
Byron Andrews Memorial Scholarship Fund.....	1.23				1.23	
1923-24 Campaign Fund.....		241.99	200.00	142.50		184.49
Farnham Scholarship Fund.....		4,572.37	4,572.37	6,791.10		6,791.10
Nellie Maynard Knapp Scholarship Fund.....		38.77				38.77
E. V. Brown Scholarship Fund.....		382.68	262.48	275.66		395.86
Mary Lowell Stone Scholarship Fund.....		15.24	12.00	66.13		69.37
Hope Lodge No. 20 Scholarship Fund.....		551.39	80.00			471.39
Metzerott Scholarship Fund.....		16.00				16.00
Emma Elizabeth Harvey Scholarship Fund.....		112.00				112.00
College Women's Scholarship Fund.....		664.60	200.00	261.26		725.86
Cooper Medical Research Fund.....						
Samuel E. Lewis Fund.....		858.70	665.09	16.07		16.07
National Park Seminary Hospital Endowment Fund.....	446.25		9,861.45	551.20	744.81	89.58
Woodbury Hospital Endowment Fund.....		397.20		27.56		424.76
Chapman Hospital Endowment Fund.....		486.87	486.87	528.25		528.25
Tree Hospital Endowment Fund.....		62.28	62.28	67.55		67.55
Lady Managers Hospital Fund.....		508.04	508.04	551.20		551.20
Reinhardt Hospital Fund.....				15.16		15.16
Davis Prize Fund.....		26.49	47.98	49.05		27.56
Rugles Prize Fund.....		105.75	15.00	38.58		129.33
Fitch Prize Fund.....	40.50				40.50	
Weddell Prize Fund.....		661.37				674.38
		9.13	250.00	275.59		34.72

TRUST ACCOUNTS

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Walsh Prize Fund.....	342.86	16.54	359.40
Cutter Prize Fund.....	83.86	55.11	88.97
Hubbard Prize Fund.....	50.00	55.11	1.17
Sterrett Prize Fund.....	50.00	12.00	126.25
Ordonaux Prize Fund.....	114.25	223.90	618.62
Goddard Prize Fund.....	594.72	92.00	152.67
Lewis D. and Myrtle H. Wilson Prize Fund.....	105.77	50.00	2.56
Staughton-Elton Prize Fund.....	3.66	420.80	3.66
Sharpe Medical School Fund.....	422.25		843.08
<i>Executory Trust Funds:</i>			
Mayer Hospital.....			
Denman Law School Fund.....	206.67	296.67	
Jacques Law School Fund.....	128.29	128.29	
Jacques Medical School Fund.....	342.58	342.58	
Law School Building Fund.....	332.71	332.71	
General Building Fund.....	12.84	12.84	
Endowment Restoration and Accretion Fund.....	455.25	455.25	
Chemistry Building Fund.....	166.93	166.93	
Joerisson Fund.....	7.84	7.84	
Acker Fund.....	19.05		
Stockton Memorial Fund.....	7.62	16.54	19.05
Maury Memorial Fund.....	276.96	276.96	16.54
Lafayette Memorial Fund.....	107.87	107.87	
Fund to Promote International Debating.....	83.03	85.03	
	21.73	21.73	
Less: Balances.....	\$1,445.44	\$28,501.11	\$304.74
			\$23,008.85
Net Balances.....	1,445.44	28,501.11	304.74
			\$23,694.11

Summary.

Unexpended Income, Cash on Hand September 1, 1925..... \$17,757.21

Income for the Year:

Endowment Funds..... \$32,186.77

Executory Trust Funds..... 2,251.24

34,438.01

Expenses for the Year:

Endowment Funds..... 26,258.79

Executory Trust Funds..... 2,242.32

\$52,195.22

Unexpended Income, Cash on Hand August 31, 1926.....

28,501.11

\$23,694.11

REPORT OF THE TREASURER OF THE BOARD OF LADY MANAGERS OF GEORGE WASHINGTON UNIVERSITY HOSPITAL FOR THE YEAR ENDED JUNE 30, 1926.

Receipts.

Cash on hand June 30, 1925.....		\$309.78
Collections:		
Annual Dues.....	\$330.00	
Sustaining Dues.....	460.00	
Fines.....	62.75	
		<u>\$852.75</u>
Benefits:		
Linen Shower.....	277.02	
Musical.....	3,906.06	
Rummage.....	469.61	
		<u>4,652.69</u>
Donations:		
Anonymous.....	12.30	
Mrs. Birnie.....	15.00	
Mrs. Cornwell.....	4.50	
Dr. Simpson.....	50.00	
Mrs. Tompkins.....	500.00	
Mrs. Woodward.....	4.50	
		<u>586.30</u>
Interest.....		.78
Total Receipts.....		<u>\$6,092.52</u>
		<u>\$6,402.30</u>

Payments.

Nurses' Home:		
Amusements.....	\$85.00	
Bed Linen.....	121.50	
Curtains.....	14.84	
Mattresses.....	100.50	
Small repairs.....	18.00	
Wages.....	130.00	
		<u>449.84</u>
Hospital:		
Blankets.....	91.00	
China.....	229.85	
Linen.....	450.21	
Equipment:		
Bed—curtains.....	265.11	
Dressing Carriage.....	53.50	
Glass Bureau Tops.....	16.40	
Morris Chairs.....	148.00	
Refrigerators.....	2,297.47	
Roof Garden.....	23.90	
Steam Table.....	168.50	
Surgical Beds.....	232.60	
Washer.....	434.97	
Wheel Chairs.....	87.50	
Repairs:		
Two Baths.....	240.00	
Mattresses.....	22.00	
		<u>4,761.01</u>

BOARD OF LADY MANAGERS

37

Building Fund Geo. Wash. Univ.....	\$20.00	
B. L. M. Fund.....	300.00	
Donations:		
Picture Frames.....	58.50	
Refunds.....	129.60	
Rummage.....	21.50	
Sunshine Com.....	72.70	
		\$652.30
Printing:		
Regular.....	38.75	
Special.....	43.15	
		81.88
Total Payments.....		\$5,945.00
Balance on deposit in Washington Loan & Trust Company, June 30, 1926.....		457.20
		<u>\$6,402.20</u>

Respectfully submitted,

EVA HOUSTON LEWIS, *Treasurer.*

We, the undersigned, hereby certify that we have examined the accounts of Mrs. Eva Houston Lewis, Treasurer, and find them correct to the best of our belief.

LOUISE P. TRUE,
LILLY B. SPALDING.

VOLUME XXV

NUMBER 4

George Washington University
BULLETIN

LIBRARY SCIENCE IN THE
SUMMER SCHOOL 1927



October, 1926

PUBLISHED BY THE UNIVERSITY AT WASHINGTON, D. C.
MARCH, JUNE, OCTOBER AND DECEMBER

ENTERED OCTOBER 6, 1904, AT WASHINGTON, D. C., AS
SECOND-CLASS MATTER UNDER THE ACT OF CONGRESS
OF JULY 16, 1894

LIBRARY SCIENCE IN THE SUMMER SCHOOL
GEORGE WASHINGTON UNIVERSITY, 1927

Two hundred libraries in the District of Columbia, embracing all varieties, governmental, public, institutional, among them the largest and most beautiful one on the American continent, and several of the most important special collections in the world, as well as a very effective public library, offer to the student of library science an unsurpassed and unparalleled field for observation, study and research.

To enable students to take advantage of this opportunity, the George Washington University is offering courses in library science so designed as to embody the leading recommendations of the Board of Education for Librarianship of the American Library Association, whose purpose is to develop a high standard of library training; and also to prepare directly for the examinations of the United States Civil Service Commission.

Education, however, is something more than mere technical training. It means preparing the individual human to meet the conditions of life in the concrete, therefore, the moral, social, and artistic as well as the intellectual environment. Washington offers this environment as no other American city does, not only in its religious and academic institutions, libraries, museums, art galleries, lectures and concerts, but also in its historical associations and scenic beauties. Residence here, if only for a summer, is in itself an important, if not decisive, factor in one's education. And education in its broadest and deepest meaning is indispensable to a successful librarian, for his activity covers the entire range of human knowledge and culture. The librarian is a teacher in the noblest sense of the term. And one who would bring knowledge to others must himself possess knowledge and also the ability to create in others the thirst for knowledge.

This is the ideal of our courses in library science. Those offered in the summer school are designed to harmonize with the curriculum of the regular University session and also to be of special benefit to students who come to Washington specifically for the summer.

There never has been a more propitious time for entering the field of librarianship than now. The development, for instance, of the activities of our public libraries is little short of phenomenal. Since many young men and women, as well as adults cannot take advantage of the work offered in schools and colleges because of the expense involved, or lack of time, or inaccessibility, on

the one hand and prohibitive entrance requirements on the other, public libraries are enlarging the scope of their usefulness through extension service enabling them to reach even the remotest districts and developing at the same time into agencies for out-of-school and adult education. Institutional libraries, in their turn, have come to be intellectual laboratories cooperating with research laboratories in the promotion of original investigation and increasing contributions to knowledge. So too, libraries serve commercial, industrial, religious and social organizations and enterprises.

Young men and women specially trained and having the proper personality and disposition, are in demand everywhere in the United States, and Washington offers unique opportunities to students of initiative and talent who desire to enter the profession of librarianship.

Our summer school courses aim to prepare students for practical library service. The underlying principles may be briefly stated as follows:

The purpose of Course 1 is to give a general introduction to library science, tracing the origin and development of libraries from the earliest times to the present, and outlining the background necessary for a more thorough understanding of the function and therefore, the preparation of the catalogue; then presenting the fundamental rules of cataloguing, from the simplest title-page to the more difficult complications, with accompanying practice work on each point involved.

Course 20 consists of an introductory outline of the history of classification and an intensive study of the Dewey Decimal system, as that is the one most extensively adopted in public libraries, with practice work to familiarize the student with its operation, accompanied by shelf listing and the use of the Cutter notation.

Course 30 consists of two parts, the first a general survey of library organization and administration; the second, a study of the most important reference books and the investigation of special problems, for, as no one person can know everything, the essentially important thing is to know how and where to obtain definite information. This course, however, will not be given in 1927.

Course 31 is the logical continuation of Course 30 which was given in 1926. Its purpose is the study of bibliography, the selection of the best books constituting the bibliography of a given subject, the authorities to be consulted and the practical as well as the theoretical considerations involved. Experience

in the University Library will constitute an integral part of the course. While intended primarily for those who have taken the preceding one, this course is nevertheless open also to others who may satisfy the instructor of their fitness to take it.

As to general preparation, it is evident that the student's education should be comprehensive. In particular he should have a good reading knowledge of French and German at least, with as much more foreign language equipment as possible. For, many important books, indeed in some instances, the most authoritative ones, are written in languages other than English, and every efficient library has to deal, at any event, with some of them. Also the ability to use the type-writer is a valuable asset, and should be acquired before entering upon the study of library science.

We plan to make library science a major subject, to be elected at the beginning of the Junior year, after the student has had two years of general University work, especially adapted to the librarians' needs. Sophomores, however, may take the first course, Cataloguing, and freshmen of exceptional qualifications may be admitted provisionally. Special students, not candidates for a degree, will be registered for whatever course their experience and academic training may qualify them. Matriculated students will receive upon fulfilling the conditions prescribed by the University, the A. B. degree.
